



**DEPARTMENT OF ENVIRONMENTAL QUALITY**

KATHLEEN BABINEAUX BLANCO  
GOVERNOR

MIKE D. McDANIEL, Ph.D.  
SECRETARY

Certified Mail No.:

AI No. 2638  
PER20070008

Mr. Stan J. Vanderleeuw  
Refinery Manager  
ExxonMobil Refining and Supply Company  
P.O. Box 551  
Baton Rouge, Louisiana 70821

RE: Part 70 Operating Permit Modification, Baton Rouge Refinery – Refinery Tank Farm,  
ExxonMobil Refining and Supply Company, Baton Rouge, East Baton Rouge Parish,  
Louisiana

Dear Mr. Vanderleeuw:

This is to inform you that the Part 70 operating permit for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the application submitted and the approval in no way relieves the applicant of the obligation to comply with all applicable requirements.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_\_ of \_\_\_\_\_, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number cited below and the Agency Interest Number 2638 should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

Permit No.: 2795-V3  
Sincerely,

Chuck Carr Brown, Ph.D.  
Assistant Secretary

CCB:mv  
c: US EPA Region VI

**ENVIRONMENTAL SERVICES**  
: PO BOX 4313, BATON ROUGE, LA 70821-4313  
P:225-219-3181 F:225-219-3309  
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**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**REFINERY TANK FARM; AI No. 2638; PER20070008  
EXXONMOBIL REFINING AND SUPPLY COMPANY  
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

**I. Background**

The Baton Rouge Refinery (BRRF) is an existing petroleum refinery. This permit covers Refinery Tank Farm only. Permit No. 2795-V0 was issued on February 18, 2004. Previously the facility operated under Permit 2795-V1 dated April 11, 2006. Currently the facility operates under Permit 2795-V2 dated January 11, 2007.

**II. Origin**

ExxonMobil submitted an application and Emission Inventory Questionnaire (EIQ) dated May 30, 2007 and additional information dated June 1, 2007 and August 10, 2007, requesting a Part 70 permit modification.

**III. Description**

The Refinery Tank Farm is an existing complex in the Refinery. It consists of the Bluff, East Area North, East Area South, Knox, and South Field. The tanks store various refinery feed/products such as crude oil, middle distillates, blending components and finished gasoline. Gasoline blending also occurs in this operating area.

ExxonMobil Refinery proposes to modify the Tank Farm as follows:

1. The deletion of the source identified as Analyzer Emissions (RTF/AN).
2. The addition of one (1) storage tank, emission source, DIST/TK0136.
3. The deletion of six (6) storage tanks that have been dismantled, emission sources, DIST/TK0064; DIST/TK0132; DIST/TK0133; DIST/TK0919; FEED/TK0094; and KXFLD/TK0167.
4. The deletion of one (1) tank that is part of the chemical plant, emission source, DIST/TK0410.
5. The deletion of one (1) source of fugitives, emission source, KXFLD/TK0863/FUG.
6. The revision of emission limits and/or regulatory applicability from the facility's remaining emission point sources based on updated emission factors and/or current facility conditions.
7. The incorporation of alternate operating scenarios for emission source FEED/TK0798.

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Estimated emissions from the facility in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	1.38	0.44	-0.94
SO <sub>2</sub>	2.25	2.02	-0.23
NO <sub>x</sub>	5.51	5.51	-
CO	4.18	3.44	-0.74
VOC*	1498.65	1552.42	+53.77

The VOC emissions increase is due to the recognition of floating roof landing losses as required by changes to Organic Liquid Storage Tank emissions calculation procedures in AP-42 Chapter 7, in November of 2006. The increase in VOC emissions as a result of recognizing floating roof landing losses is 64.09 tons/year.

**\*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
1,2-Dibromomethane	<0.03	0.03	-
1,3-Butadiene	<0.26	0.27	+0.01
2,2,4-Trimethylpentane	29.42	30.18	+0.76
Acrylamide	<0.06	0.06	-
Benzene	<14.45	14.56	+0.11
Biphenyl	<0.17	0.17	-
Cresol	<0.13	0.13	-
Cumene	<0.46	0.45	-0.01
Ethyl benzene	<9.11	9.13	+0.02
Methanol	<4.39	4.39	-
Methyl ethyl ketone	<0.05	0.05	-
Methyl isobutyl ketone	<0.03	0.03	-
Methyl tert-butyl ether	<67.31	3.22	-64.09
n-Hexane	<29.86	31.04	+1.18
Naphthalene	<25.87	25.86	-0.01
Phenol	<0.06	0.06	-
Polynuclear aromatic hydrocarbons	<0.13	0.81	+0.68
Quinoline	<0.05	0.05	-

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**\*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Styrene	<0.51	0.51	-
Toluene	<42.97	43.55	+0.58
Xylenes (mixed isomers)	<27.35	27.51	+0.16
Total	<252.67	192.06	-60.61

The decrease in methyl tert-butyl ether (MTBE) emissions is due to discontinued use of MTBE as an oxygenate in motor gasoline blending. Because the increase in polynuclear aromatic hydrocarbons emissions is over the Minimum Emission Rate (MER), this permit needs public notice.

<u>*Non-VOC TAP Speciation</u>	<u>Ton/yr</u>
Hydrogen sulfide	3.19

#### IV. Type Of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, National Standards of Performance for Stationary Sources (NSPS) and National Emission Standards Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR) do not apply.

This Complex is a major source of toxic air pollutants (TAPs) and the Tank Farm is a part of the refinery, which is a major source of TAPs.

#### V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2007. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

**VII. Effects on Ambient Air**

Pollutant	Time Period	Calculated Maximum Ground Level Concentration, $\mu\text{g}/\text{m}^3$	Louisiana Air Quality Standard (NAAQS, $\mu\text{g}/\text{m}^3$ )
PM <sub>10</sub>	Annual	48.7	(50)
	24 hr Average	142.3	(150)
SO <sub>2</sub>	Annual	70.4	(80)
	3 hr Average	1004.8	(1300)
	24 hr Average	348.8	(365)

**VIII. General Condition XVII**

Source	Description	VOC (TPY)	NO <sub>x</sub> (TPY)
GC XVII 1	RTF Work Practices – Equipment Maintenance	0.45	
GC XVII 2	Bluff Field Work Practices – Tank Cleaning	0.48	
GC XVII 3	East Area North Work Practices – Tank Cleaning	1.89	
GC XVII 4	East Area South Work Practices – Tank Cleaning	1.83	
GC XVII 5	Knox Field Work Practices – Tank Cleaning	2.91	
GC XVII 6	South Field Work Practices – Tank Cleaning	3.67	
GC XVII 7	RTF Work Practices – Tank Gauging	1.51	
GC XVII 8*	RTF Work Practices – Sphere Maintenance	3.71	0.06

\* When a pentane sphere is de-pressurized prior to maintenance, the gas is sent to the Knox Field Flare # 21 (Source ID: KXFLD/FLR-21).

**IX. Insignificant Activities List**

ID	Description	Operating rate	Citation
FLR-07/IA/PILOT	External Combustion Equipment	1.07 MM Btu/hr	LAC 33:III.501.B.5.A.1
FLR-19/IA/PILOT	External Combustion Equipment	1.07 MM Btu/hr	LAC 33:III.501.B.5.A.1

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ID	Description	Operating rate	Citation
DIST/IA/TK9077	Unit Tank	18 gal	LAC 33:III.501.B.5.A.2
DIST/IA/TK9078	Unit Tank	70 gal	LAC 33:III.501.B.5.A.2
DIST/IA/TK9111	Unit Tank	18 gal	LAC 33:III.501.B.5.A.2
DIST/IA/TK9977	Unit Tank	70 gal	LAC 33:III.501.B.5.A.2
DIST/IA/TK9978	Unit Tank	157 gal	LAC 33:III.501.B.5.A.2
PHLA2/IA/CHT008	Unit Tank	30 gal	LAC 33:III.501.B.5.A.2
PHLA2/IA/D006	Unit Tank	31 gal	LAC 33:III.501.B.5.A.2
PHLA2/IA/D110	Unit Tank	31 gal	LAC 33:III.501.B.5.A.2
PSLA8/IA/TK004	Unit Tank	200 gal	LAC 33:III.501.B.5.A.2
SRLA/IA/TK055	Unit Tank	100 gal	LAC 33:III.501.B.5.A.2
T210/IA/CHT008	Unit Tank	30 gal	LAC 33:III.501.B.5.A.2
ALKY/IA/D456	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
ALKY/IA/D456A	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
ALKY/IA/D789	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
ALKY/IA/D789A	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
ALKY/IA/TK034	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
ALKY/IA/TK103	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK011	Unit Tank	400 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK026	Unit Tank	1800 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK030	Unit Tank	3001 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK034	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK038	Unit Tank	275 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK094	Unit Tank	1550 gal	LAC 33:III.501.B.5.A.3
CKRE/IA/TK095	Unit Tank	1550 gal	LAC 33:III.501.B.5.A.3
CKRFE/IA/TK010	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
CKRFE/IA/TK012	Unit Tank	2200 gal	LAC 33:III.501.B.5.A.3
CKRFE/IA/TK013	Unit Tank	2200 gal	LAC 33:III.501.B.5.A.3
CKRFE/IA/TK014	Unit Tank	3001 gal	LAC 33:III.501.B.5.A.3
CKRFE/IA/TK526	Unit Tank	1800 gal	LAC 33:III.501.B.5.A.3
CKRW/IA/TK017	Unit Tank	3001 gal	LAC 33:III.501.B.5.A.3
CKRW/IA/TK018	Unit Tank	1501 gal	LAC 33:III.501.B.5.A.3
CKRW/IA/TK019	Unit Tank	1501 gal	LAC 33:III.501.B.5.A.3
CKRW/IA/TK020	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
CKRW/IA/TK126	Unit Tank	1800 gal	LAC 33:III.501.B.5.A.3
DIST/IA/TK077	Unit Tank	320 gal	LAC 33:III.501.B.5.A.3
DIST/IA/TK078	Unit Tank	9043 gal	LAC 33:III.501.B.5.A.3
FEED/IA/TK038	Unit Tank	6000 gal	LAC 33:III.501.B.5.A.3
HCLA/IA/TK056	Unit Tank	1501 gal	LAC 33:III.501.B.5.A.3
HCLA/IA/TK059	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
HCLA/IA/TK082	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
HCN/IA/TK057	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
HHLA/IA/TK081	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
KDLA/IA/TK092	Unit Tank	275 gal	LAC 33:III.501.B.5.A.3
KDLA/IA/TK097	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
KDLA/IA/TK098	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3

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**BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

ID	Description	Operating rate	Citation
KXFLD/IA/TK074	Unit Tank	386 gal	LAC 33:III.501.B.5.A.3
LELA/IA/TK066	Unit Tank	551 gal	LAC 33:III.501.B.5.A.3
LELA/IA/TK067	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU1/IA/TK035	Unit Tank	1501 gal	LAC 33:III.501.B.5.A.3
LEU1/IA/TK036	Unit Tank	276 gal	LAC 33:III.501.B.5.A.3
LEU1/IA/TK037	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU2/IA/D086	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU2/IA/TK039	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU2/IA/TK040	Unit Tank	1501 gal	LAC 33:III.501.B.5.A.3
LEU2/IA/TK041	Unit Tank	276 gal	LAC 33:III.501.B.5.A.3
LEU2/IA/TK042	Unit Tank	276 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK043	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK044	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK045	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK046	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK047	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK058	Unit Tank	276 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK107	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU3/IA/TK108	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU4/IA/D45X	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU4/IA/TK048	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
LEU4/IA/TK049	Unit Tank	2199 gal	LAC 33:III.501.B.5.A.3
LEU4/IA/TK050	Unit Tank	276 gal	LAC 33:III.501.B.5.A.3
LEU4/IA/TK051	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
LEU5/IA/TK052	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
LEU5/IA/TK053	Unit Tank	2199 gal	LAC 33:III.501.B.5.A.3
LSM/IA/TK083	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
LSM/IA/TK084	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
PCLA2/IA/TK022	Unit Tank	2001 gal	LAC 33:III.501.B.5.A.3
PCLA2/IA/TK024	Unit Tank	401 gal	LAC 33:III.501.B.5.A.3
PCLA2/IA/TK029	Unit Tank	5999 gal	LAC 33:III.501.B.5.A.3
PCLA2/IA/TK031	Unit Tank	2001 gal	LAC 33:III.501.B.5.A.3
PCLA2/IA/TK060	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
PCLA2/IA/TK112	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
PCLA3/IA/TK023	Unit Tank	2001 gal	LAC 33:III.501.B.5.A.3
PCLA3/IA/TK025	Unit Tank	401 gal	LAC 33:III.501.B.5.A.3
PCLA3/IA/TK026	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
PCLA3/IA/TK030	Unit Tank	4299 gal	LAC 33:III.501.B.5.A.3
PCLA3/IA/TK032	Unit Tank	2001 gal	LAC 33:III.501.B.5.A.3
PCLA3/IA/TK033	Unit Tank	3999 gal	LAC 33:III.501.B.5.A.3
PCLACPLX/IA/TK062	Unit Tank	2001 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/CHT004	Unit Tank	2299 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/CHT005	Unit Tank	2001 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/CHT006	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/CHT007	Unit Tank	561 gal	LAC 33:III.501.B.5.A.3

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ID	Description	Operating rate	Citation
PHLA2/IA/CHT015	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/CHT016	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/D006X	Unit Tank	2501 gal	LAC 33:III.501.B.5.A.3
PHLA2/IA/D100	Unit Tank	4130 gal	LAC 33:III.501.B.5.A.3
PSLA10/IA/TK102	Unit Tank	5000 gal	LAC 33:III.501.B.5.A.3
PSLA10/IA/TK103	Unit Tank	5000 gal	LAC 33:III.501.B.5.A.3
PSLA10/IA/TK111	Unit Tank	6001 gal	LAC 33:III.501.B.5.A.3
PSLA7/IA/TK008	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
PSLA7/IA/TK077	Unit Tank	2500 gal	LAC 33:III.501.B.5.A.3
PSLA7/IA/TK701	Unit Tank	3001 gal	LAC 33:III.501.B.5.A.3
PSLA7/IA/TK704	Unit Tank	4001 gal	LAC 33:III.501.B.5.A.3
PSLA8/IA/TK002	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
PSLA8/IA/TK078	Unit Tank	2500 gal	LAC 33:III.501.B.5.A.3
PSLA8/IA/TK502	Unit Tank	2500 gal	LAC 33:III.501.B.5.A.3
PSLA9/IA/TK075	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
PSLA9/IA/TK311	Unit Tank	8500 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK054	Unit Tank	2501 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK065	Unit Tank	276 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK087	Unit Tank	400 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK088	Unit Tank	400 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK089	Unit Tank	400 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK090	Unit Tank	8225 gal	LAC 33:III.501.B.5.A.3
SRLA/IA/TK091	Unit Tank	560 gal	LAC 33:III.501.B.5.A.3
T210/IA/CHT007	Unit Tank	561 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/BFWU	Unit Tank	1890 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/D001	Unit Tank	1427 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/D002	Unit Tank	1427 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/D003	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/TK0604	Unit Tank	6500 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/TK0072	Unit Tank	400 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/TK0093	Unit Tank	2200 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK064	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK073	Unit Tank	6201 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK0803	Unit Tank	9408 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK1219	Unit Tank	715 gal	LAC 33:III.501.B.5.A.3
WCPLX/IA/TK068	Unit Tank	550 gal	LAC 33:III.501.B.5.A.3
WCPLX/IA/TK069	Unit Tank	550 gal	LAC 33:III.501.B.5.A.3
FLR-05/IA/PILOT	External Combustion Equipment	0.77 MM Btu/hr	LAC 33:III.501.B.5.A.5
FLR-09/IA/PILOT	External Combustion Equipment	0.77 MM Btu/hr	LAC 33:III.501.B.5.A.5
FLR-17/IA/PILOT	External Combustion Equipment	0.15 MM Btu/hr	LAC 33:III.501.B.5.A.5
FLR-21/IA/PILOT	External Combustion Equipment	0.15 MM Btu/hr	LAC 33:III.501.B.5.A.5
FLR-23/IA/PILOT	External Combustion Equipment	0.15 MM Btu/hr	LAC 33:III.501.B.5.A.5
FLR-24/IA/PILOT	External Combustion Equipment	0.15 MM Btu/hr	LAC 33:III.501.B.5.A.5

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**X. Consolidated Fugitives Program**

Unit	Program Being Streamlined	Stream Applicability	Overall Most Stringent Program
RTF/FUG	LA Refinery MACT  LAC 33:III.2122  40 CFR 63 Subpart CC - modified HON option  40 CFR 60 Subpart GGG	5% VOTAP (class I and II)  10% VOC  5% VOHAP  10% VOC	LA Refinery MACT in the manner* agreed to be ExxonMobil in its approved Air Toxic Compliance Plan(April 18, 1996), per Source Notice and Agreement dated October 14, 1996

\*In lieu of the requirement to monitor connectors (that have been opened or had the seal broken) during the next scheduled monitoring period, connector tightness testing is currently performed prior to equipment startup. Tightness testing may consist of nitrogen pressure test, hydro testing, or high pressure steam. Tightness is verified by instrumentation or observation.

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 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	LAC 33:III, Chapter																				
		5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
UNF02	Facility Wide	1	1	1	1	1	1				1		1	1	1	3		1	1	1	1	1
EQT315	DIST/TK0032					1														1		
EQT322	DIST/TK0075					1														1		
EQT332	DIST/TK0104					1														1		
EQT404	FEED/TK0196					1														1		
EQT409	FEED/TK0272					1														1		
EQT473	KXFELD/TK0726X					1														1		
EQT481	KXFELD/TK0735X					1														1		
EQT482	KXFELD/TK0737X					1														1		
EQT484	KXFELD/TK0739X					1														1		
EQT497	KXFELD/TK0779X					1														1		
EQT316	DIST/TK0033					1														1		
EQT467	KXFELD/TK0708					1														1		
EQT480	KXFELD/TK0733					1														1		
EQT486	KXFELD/TK0741					1														1		
EQT489	KXFELD/TK0746					1														1		
EQT501	KXFELD/TK0787					1														1		

REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	LAC 33:III, Chapter																				
		5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
EQT304	KXFLD/TK0797					1														1		
EQT317	DIST/TK0037					3														1		
EQT318	DIST/TK0056					3														1		
EQT319	DIST/TK0057					3														1		
EQT320	DIST/TK0061					3														1		
EQT323	DIST/TK0080					3														1		
EQT324	DIST/TK0081					3														1		
EQT325	DIST/TK0082					3														1		
EQT326	DIST/TK0083					3														1		
EQT327	DIST/TK0085					3														1		
EQT328	DIST/TK0086					3														1		
EQT329	DIST/TK0091					3														1		
EQT330	DIST/TK0093					3														1		
EQT331	DIST/TK0095					3														1		
EQT338	DIST/TK0134					3														1		
EQT340	DIST/TK0136					3														1		
EQT341	DIST/TK0261					1														1		

REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS		LAC 33:III, Chapter																				
ID No.:	Description	5 <sup>▲</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
EQT342	DIST/TK0268					3	3												1			
EQT343	DIST/TK0280					3	3												1			
EQT344	DIST/TK0281					3	3												1			
EQT345	DIST/TK0369					3	3												1			
EQT346	DIST/TK0370					3	3												1			
EQT354	DIST/TK0409					3	3												1			
EQT356	DIST/TK0413					3	3												1			
EQT358	DIST/TK0420					3	3												1			
EQT360	DIST/TK0456					3	3												1			
EQT363	DIST/TK0463					3	3												1			
EQT364	DIST/TK0464					3	3												1			
EQT365	DIST/TK0465					3	3												1			
EQT367	DIST/TK0668					3	3												1			
EQT371	DIST/TK0905					3	3												1			
EQT375	FEED/TK0065					3	3												1			
EQT376	FEED/TK0066					3	3												1			
EQT379	FEED/TK0098					3	3												1			

REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	LAC 33:III.Chapter																				
		5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
EQT384	FEED/TK0106					3														1		
EQT385	FEED/TK0108					3														1		
EQT387	FEED/TK0176					3														1		
EQT388	FEED/TK0177					3														1		
EQT389	FEED/TK0178					3														1		
EQT391	FEED/TK0181					3														1		
EQT392	FEED/TK0182					3														1		
EQT394	FEED/TK0184					3														1		
EQT395	FEED/TK0185					3														1		
EQT406	FEED/TK0263					3														1		
EQT407	FEED/TK0264					3														1		
EQT408	FEED/TK0271					3														1		
EQT410	FEED/TK0273					3														1		
EQT411	FEED/TK0274					3														1		
EQT412	FEED/TK0275					3														1		
EQT413	FEED/TK0276					3														1		
EQT414	FEED/TK0277					3														1		

REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	LAC 33:III. Chapter																			
		5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	22	29*	51*	56	59	
EQT415	FEED/TK0278					3													1		
EQT416	FEED/TK0283					3													1		
EQT419	FEED/TK0371					3													1		
EQT421	FEED/TK0395					3													1		
EQT427	FEED/TK0612					3													1		
EQT428	FEED/TK0613					3													1		
EQT429	FEED/TK0615					3													1		
EQT430	FEED/TK0616					3													1		
EQT431	FEED/TK0754					3													1		
EQT432	FEED/TK0757					3													1		
EQT433	FEED/TK0758					3													1		
EQT434	FEED/TK0759					3													1		
EQT435	FEED/TK0760					3													1		
EQT436	FEED/TK0761					3													1		
EQT437	FEED/TK0762					3													1		
EQT438	FEED/TK0763					3													1		
EQT439	FEED/TK0764					3													1		

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 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS		LAC 33:III. Chapter																					
		ID No.:	Description	5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	22	29*	51*	56	59	
EQT440	FEED/TK0765						3														1		
EQT441	FEED/TK0767						3														1		
EQT443	FEED/TK0772						3														1		
EQT446	FEED/TK0789						3														1		
EQT449	FEED/TK0841						3														1		
EQT450	FEED/TK0842						3														1		
EQT451	FEED/TK0859						3														1		
EQT453	KXFLD/TK0168						3														1		
EQT454	KXFLD/TK0169						3														1		
EQT333	DIST/TK0111						3														1		
EQT362	DIST/TK0462						3														1		
EQT373	DIST/TK0934						3														1		
EQT455	KXFLD/TK0170						3														1		
EQT456	KXFLD/TK0171						3														1		
EQT334	DIST/TK0130						3														1		
EQT335	DIST/TK0131						3														1		
EQT348	DIST/TK0403						3														1		

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XL		TABLE I. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS																				
		LAC 33:III Chapter																				
ID No.:	Description	5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
EQT349	DIST/TK0404					1														1		
EQT352	DIST/TK0407					3														1		
EQT353	DIST/TK0408					3														1		
EQT357	DIST/TK0419					3														1		
EQT361	DIST/TK0461					3														1		
EQT350	DIST/TK0405					1														1		
EQT351	DIST/TK0406					1														1		
EQT399	FFED/TK0190					1														1		
EQT442	FFED/TK0770					1														1		
EQT462	KXFLD/TK0698					1														1		
EQT464	KXFLD/TK0701					1														1		
EQT466	KXFLD/TK0703					1														1		
EQT468	KXFLD/TK0710					1														1		
EQT471	KXFLD/TK0724					1														1		
EQT472	KXFLD/TK0725					1														1		
EQT474	KXFLD/TK0727					1														1		
EQT476	KXFLD/TK0729					1														1		

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XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS		LAC 33:III. Chapter																								
		ID No.:	Description	5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59			
EQT477	KXFELD/TK0730							1																1		
EQT478	KXFELD/TK0731							1																	1	
EQT483	KXFELD/TK0738							1																	1	
EQT485	KXFELD/TK0740							1																	1	
EQT487	KXFELD/TK0742							1																	1	
EQT488	KXFELD/TK0745							1																	1	
EQT490	KXFELD/TK0748							1																	1	
EQT492	KXFELD/TK0753							1																	1	
EQT493	KXFELD/TK0766							1																	1	
EQT494	KXFELD/TK0773							1																	1	
EQT495	KXFELD/TK0776							1																	1	
EQT496	KXFELD/TK0778							1																	1	
EQT498	KXFELD/TK0780							1																	1	
EQT499	KXFELD/TK0785							1																	1	
EQT500	KXFELD/TK0786							1																	1	
EQT505	KXFELD/TK0799							1																	1	
EQT507	KXFELD/TK0864							1																	1	

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**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

LAC 33:III, Chapter

ID No.:	Description	5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
		EQT508	KXFLD/TK0865					1													1	
EQT339	DIST/TK0135					3													1			
EQT513	DIST/TK0137					1													1			
EQT514	DIST/TK0138					1													1			
EQT347	DIST/TK0402					3													1			
EQT459	KXFLD/TK0198					1													1			
EQT460	KXFLD/TK0199					1													1			
EQT475	KXFLD/TK0728					1													1			
EQT502	KXFLD/TK0795					1													1			
EQT503	KXFLD/TK0796					1													1			
EQT359	DIST/TK0445					3													1			
EQT366	DIST/TK0475					1													1			
EQT401	FEED/TK0193					1													1			
EQT420	FEED/TK0372					1													1			
EQT448	FEED/TK0798					3													1			
EQT368	DIST/TK0669X					3													1			
EQT369	DIST/TK0670X					3													1			

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 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS		LAC 33:III. Chapter																					
		ID No.:	Description	5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59
EQT370	DIST/TK0671X						3														1		
EQT374	FEED/TK0024						3														1		
EQT390	FEED/TK0179						3														1		
EQT417	FEED/TK0284						3														1		
EQT444	FEED/TK0774X						3														1		
EQT457	KXFLD/TK0172						3														1		
EQT458	KXFLD/TK0173						3														1		
EQT378	FEED/TK0097						1														1		
EQT380	FEED/TK0099						1														1		
EQT381	FEED/TK0100						1														1		
EQT382	FEED/TK0101						1														1		
EQT383	FEED/TK0105						1														1		
EQT386	FEED/TK0109						1														1		
EQT393	FEED/TK0183						3														1		
EQT396	FEED/TK0187						1														1		
EQT397	FEED/TK0188						1														1		
EQT398	FEED/TK0189						1														1		

REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	LAC 33:III, Chapter																				
		5 <sup>A</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59	
EQT400	FEED/TK0192					1														1		
EQT402	FEED/TK0194					1														1		
EQT445	FEED/TK0777					1														1		
EQT470	KXFLD/TK0722					1														1		
EQT479	KXFLD/TK0732					1														1		
EQT491	KXFLD/TK0750					1														1		
EQT403	FEED/TK0195					1														1		
EQT405	FEED/TK0197					1														1		
EQT418	FEED/TK0300					3														1		
EQT422	FEED/TK0457					1														1		
EQT423	FEED/TK0460					1														1		
EQT425	FEED/TK0476					1														1		
EQT426	FEED/TK0477					1														1		
EQT424	FEED/TK0474					1														1		
EQT447	FEED/TK0793					1														1		
EQT518	KXFLD/FLR-21 - # 21 Flare			1																	2	
EQT461	KXFLD/TK0655					1															1	

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 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

**XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	LAC 33:III.Chapter																					
		5 <sup>▲</sup>	9	11	13	15	2103	2107	2108	2111	2113	2122	2139	2141	2151	2153	22	29*	51*	56	59		
EQT463	KXFELD/TK0700					1														1			
EQT465	KXFELD/TK0702					1														1			
EQT469	KXFELD/TK0720					1														1			
EQT515	KXFELD/TK0734					1														3			
EQT516	KXFELD/TK0743					1														3			
EQT517	KXFELD/TK0751					1														3			
EQT506	KXFELD/TK0863					1														1			
EQT509	RTF/Caustic Load																						
EQT510	RTF/Diesel Engine																					2	
EQT511	RTF/Diesel Load																						
EQT512	RTF/WW																						
FUG010	RTF/FUG																					1	

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

\* The regulations indicated above are State Only regulations.

REFINERY TANK FARM; AI No. 2638; PER20070008  
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 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

XI. ID No.:	Description	40 CFR 60										40 CFR 61							40 CFR 63					40 CFR			
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82		
		1	Facility Wide						3	1	1				1	1	1						1			1	1
EQT315	DIST/TK0032			3	3	1							3	3					1								
EQT322	DIST/TK0075			3	3	1							3	3					1								
EQT332	DIST/TK0104			3	3	1							3	3					1								
EQT404	FEED/TK0196			3	3	1							3	3					1								
EQT409	FEED/TK0272			3	3	1							3	3					1								
EQT473	KXFLD/TK0726X			3	3	1							3	3					1								
EQT481	KXFLD/TK0735X			3	3	1							3	3					1								
EQT482	KXFLD/TK0737X			3	3	1							3	3					1								
EQT484	KXFLD/TK0739X			3	3	1							3	3					1								
EQT497	KXFLD/TK0779X			3	3	1							3	3					1								
EQT316	DIST/TK0033			3	3	3							3	3					1								
EQT467	KXFLD/TK0708			3	3	1							3	3					1								
EQT480	KXFLD/TK0733			3	3	3							3	3					1								
EQT486	KXFLD/TK0741			3	3	3							3	3					1								
EQT489	KXFLD/TK0746			3	3	3							3	3					1								
EQT501	KXFLD/TK0787			3	3	3							3	3					1								

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 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

XL		TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS																								
		40 CFR 60										40 CFR 61					40 CFR 63					40 CFR				
ID No.:	Description	A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82	
EQT504	KXFLD/TK0797		3	3	3								3	3						1						
EQT317	DIST/TK0037		3	3	3								3	3						1						
EQT318	DIST/TK0056		3	3	3								3	3						1						
EQT319	DIST/TK0057		3	3	3								3	3						1						
EQT320	DIST/TK0061		3	3	3								3	3						1						
EQT323	DIST/TK0080		3	3	3								3	3						1						
EQT324	DIST/TK0081		3	3	3								3	3						1						
EQT325	DIST/TK0082		3	3	3								3	3						1						
EQT326	DIST/TK0083		3	3	3								3	3						1						
EQT327	DIST/TK0085		3	3	3								3	3						1						
EQT328	DIST/TK0086		3	3	3								3	3						1						
EQT329	DIST/TK0091		3	3	3								3	3						1						
EQT330	DIST/TK0093		3	3	3								3	3						1						
EQT331	DIST/TK0095		3	3	3								3	3						1						
EQT338	DIST/TK0134		3	3	3								3	3						1						
EQT340	DIST/TK0136		3	3	3								3	3						1						
EQT341	DIST/TK0261		3	3	3								3	1						1				2		



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XI. ID No.:	Description	40 CFR 60										40 CFR 61							40 CFR 63					40 CFR			
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82		
EQT384	FEED/TK0106			3	3	3							3	3					1								
EQT385	FEED/TK0108			3	3	3							3	3					1								
EQT387	FEED/TK0176			3	3	3							3	3					1								
EQT388	FEED/TK0177			3	3	3							3	3					1								
EQT389	FEED/TK0178			3	3	3							3	3					1								
EQT391	FEED/TK0181			3	3	3							3	3					1								
EQT392	FEED/TK0182			3	3	3							3	3					1								
EQT394	FEED/TK0184			3	3	3							3	3					1								
EQT395	FEED/TK0185			3	3	3							3	3					1								
EQT406	FEED/TK0263			3	3	3							3	3					1								
EQT407	FEED/TK0264			3	3	3							3	3					1								
EQT408	FEED/TK0271			3	3	3							3	3					1								
EQT410	FEED/TK0273			3	3	3							3	3					1								
EQT411	FEED/TK0274			3	3	3							3	3					1								
EQT412	FEED/TK0275			3	3	3							3	3					1								
EQT413	FEED/TK0276			3	3	3							3	3					1								
EQT414	FEED/TK0277			3	3	3							3	3					1								

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 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

**TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

XI. ID No.:	Description	40 CFR 60										40 CFR 61							40 CFR 63				40 CFR			
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82	
EQT415	FEED/TK0278		3	3	3								3	3					1							
EQT416	FEED/TK0283		3	3	3								3	3					1							
EQT419	FEED/TK0371		3	3	3								3	3					1							
EQT421	FEED/TK0395		3	3	3								3	3					1							
EQT427	FEED/TK0612		3	3	3								3	3					1							
EQT428	FEED/TK0613		3	3	3								3	3					1							
EQT429	FEED/TK0615		3	3	3								3	3					1							
EQT430	FEED/TK0616		3	3	3								3	3					1							
EQT431	FEED/TK0754		3	3	3								3	3					1							
EQT432	FEED/TK0757		3	3	3								3	3					1							
EQT433	FEED/TK0758		3	3	3								3	3					1							
EQT434	FEED/TK0759		3	3	3								3	3					1							
EQT435	FEED/TK0760		3	3	3								3	3					1							
EQT436	FEED/TK0761		3	3	3								3	3					1							
EQT437	FEED/TK0762		3	3	2								3	3					1							
EQT438	FEED/TK0763		3	3	3								3	3					1							
EQT439	FEED/TK0764		3	3	3								3	3					1							

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 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

XI. ID No.:	Description	40 CFR 60										40 CFR 61							40 CFR 63					40 CFR		
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82	
EQT440	FEED/TK0765		3	3	3								3	3					1							
EQT441	FEED/TK0767		3	3	3								3	3					1							
EQT443	FEED/TK0772		3	3	3								3	3					1							
EQT446	FEED/TK0789		3	3	3								3	3					1							
EQT449	FEED/TK0841		3	3	3								3	3					1							
EQT450	FEED/TK0842		3	3	3								3	3					1							
EQT451	FEED/TK0859		3	3	3								3	3					1							
EQT453	KXFLD/TK0168		3	3	3								3	3					1							
EQT454	KXFLD/TK0169		3	3	3								3	3					1							
EQT333	DIST/TK0111		3	3	3								3	3					1							
EQT362	DIST/TK0462		3	3	3								3	3					1							
EQT373	DIST/TK0934		3	3	3								3	3					1							
EQT455	KXFLD/TK0170		3	3	3								3	3					1							
EQT456	KXFLD/TK0171		3	3	3								3	3					1							
EQT334	DIST/TK0130		3	3	3								3	3					1							
EQT335	DIST/TK0131		3	3	3								3	3					1							
EQT348	DIST/TK0403		3	3	3								3	3					1							

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XI. ID No.:	Description	40 CFR 60										40 CFR 61										40 CFR 63				40 CFR		
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82			
EQT349	DIST/TK0404			3	3	3							3	3														
EQT352	DIST/TK0407			3	3	3							3	3														
EQT353	DIST/TK0408			3	3	3							3	3														
EQT357	DIST/TK0419			3	3	3							3	3														
EQT361	DIST/TK0461			3	3	3							3	3														
EQT350	DIST/TK0405			3	3	3							3	3														
EQT351	DIST/TK0406			3	3	1							3	3														
EQT399	FPED/TK0190			3	3	1							3	3														
EQT442	FPED/TK0770			3	3	3							3	3														
EQT462	KXFLD/TK0698			3	3	3							3	3														
EQT464	KXFLD/TK0701			3	3	3							3	3														
EQT466	KXFLD/TK0703			3	3	3							3	3														
EQT468	KXFLD/TK0710			3	3	3							3	3														
EQT471	KXFLD/TK0724			3	3	3							3	3														
EQT472	KXFLD/TK0725			3	3	3							3	3														
EQT474	KXFLD/TK0727			3	3	3							3	3														
EQT476	KXFLD/TK0729			3	3	3							3	3														



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 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

XI. ID No.:	Description	40 CFR 60										40 CFR 61							40 CFR 63					40 CFR		
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82	
EQT508	KXFLD/TK0865			3	3	3							3	3												
EQT339	DIST/TK0135			3	3	3							3	3												
EQT513	DIST/TK0137			3	3	1							3	3									2			
EQT514	DIST/TK0138			3	3	1							3	3									2			
EQT347	DIST/TK0402			3	3	2							3	3												
EQT459	KXFLD/TK0198			3	3	1							3	3												
EQT460	KXFLD/TK0199			3	3	1							3	3												
EQT475	KXFLD/TK0728			3	3	1							3	3												
EQT502	KXFLD/TK0795			3	3	1							3	3												
EQT503	KXFLD/TK0796			3	3	1							3	3												
EQT359	DIST/TK0445			3	2	3							3	3												
EQT366	DIST/TK0475			3	3	3							3	3												
EQT401	FEED/TK0193			3	3	1							3	3												
EQT420	FEED/TK0372			3	3	3							3	3												
EQT448	FEED/TK0798			3	3	3							3	3												
EQT368	DIST/TK0669X			3	3	2							3	3												
EQT369	DIST/TK0670X			3	3	2							3	3												

**REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

**TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS**

ID No.:	Description	40 CFR 60										40 CFR 61								40 CFR 63				40 CFR			
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82		
EQT370	DIST/TK0671X		3	3	2								3	3					1								
EQT374	FEED/TK0024		3	3	2								3	3					1								
EQT390	FEED/TK0179		3	3	2								3	3					1								
EQT417	FEED/TK0284		3	3	2								3	3					1								
EQT444	FEED/TK0774X		3	3	2								3	3					1								
EQT457	KXFLD/TK0172		3	3	3								3	3					1								
EQT458	KXFLD/TK0173		3	3	3								3	3					1								
EQT378	FEED/TK0097		3	3	3								3	1					1						2		
EQT380	FEED/TK0099		3	3	3								3	1					1						2		
EQT381	FEED/TK0100		3	3	3								3	1					1						2		
EQT382	FEED/TK0101		3	3	3								3	1					1						2		
EQT383	FEED/TK0105		3	3	1								3	1					1								
EQT386	FEED/TK0109		3	3	3								3	1					1								
EQT393	FEED/TK0183		3	2	3								3	3					1								
EQT396	FEED/TK0187		3	3	1								3	3					1								
EQT397	FEED/TK0188		3	1	3								3	3					1								
EQT398	FEED/TK0189		3	3	1								3	3					1								

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 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

XI. ID No.:	Description	40 CFR 60										40 CFR 61							40 CFR 63				40 CFR		
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	52**	64	68	82
EQT400	FEED/TK0192			3	1	3								3	3										
EQT402	FEED/TK0194			3	1	3								3	1										
EQT445	FEED/TK0777			3	1	3								3	3										
EQT470	KXFLD/TK0722			3	1	3								3	3										
EQT479	KXFLD/TK0732			3	1	3								3	3										
EQT491	KXFLD/TK0750			3	1	3								3	3										
EQT403	FEED/TK0195			3	3	3								3	1										
EQT405	FEED/TK0197			3	3	1								3	1										
EQT418	FEED/TK0300			2	3	3								3	3										
EQT422	FEED/TK0457			3	3	1								3	1										
EQT423	FEED/TK0460			3	3	1								3	1										
EQT425	FEED/TK0476			3	3	1								3	1										
EQT426	FEED/TK0477			3	3	1								3	1										
EQT424	FEED/TK0474			3	3	3								3	1										
EQT447	FEED/TK0793			3	3	3								3	3										
EQT518	KXFLD/FLR-21 - # 21 Flare		1	1																					
EQT461	KXFLD/TK0655			3	3	3								3	1										

**REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

XI. TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS		40 CFR 60										40 CFR 61							40 CFR 63				40 CFR			
		A	J	K	Ka	Kb	GGG	QQQ	A	J	M	V	Y	FF	A	B	G	H	CC	EEEE	ZZZZ	51**	64	68	82	
EQT463	KXFLD/TK0700			3	3	3							3	1												
EQT465	KXFLD/TK0702			3	3	1							3	3												
EQT469	KXFLD/TK0720			3	3	3							3	3												
EQT515	KXFLD/TK0734			3	3	3																				
EQT516	KXFLD/TK0743			3	3	3																				
EQT517	KXFLD/TK0751			3	3	3																				
EQT506	KXFLD/TK0863			3	3	1							3	3												
EQT509	RTF/Caustic Load																									
EQT510	RTF/Diesel Engine																									
EQT511	RTF/Diesel Load																									
EQT512	RTF/AWW																									
FUG010	RTF/FUG																									

**REFINERY TANK FARM; AI No. 2638; PER20070008  
EXXONMOBIL REFINING AND SUPPLY COMPANY  
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**KEY TO MATRIX**

- 1 - The regulations have applicable requirements that apply to this particular emission source. The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

**REFINERY TANK FARM; AI No. 2638; PER20070008  
EXXONMOBIL REFINING AND SUPPLY COMPANY  
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<b>XII. TABLE 2. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE</b>			
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
Facility Wide UNF002	NPS Subpart A – General Provisions 40 CFR 60.1(a)	Does not apply – Source is not subject to the provisions of any standard of this part.	
	Control of Organic Compounds – Limiting VOC Emissions from Industrial Wastewater LAC 33:III.2153.A	Does not apply – This regulation does not apply to Petroleum Refineries.	
DIST/TK0032 DIST/TK0075 DIST TK0104 DIST/TK0406 FEED/TK0193 FEED/TK0196 FEED/TK0272 KXFLD/TK0726X KXFLD/TK0735X KXFLD/TK0737X KXFLD/TK0738 KXFLD/TK0739X KXFLD/TK0766 KXFLD/TK0779X	NPS Subpart QQQ – Standard of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems	Does not apply – The provisions of this subpart only apply to affected facilities for which construction, modification, or reconstruction is commenced after May 4, 1987.	
	NPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

**REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

<b>XII. TABLE 2. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE</b>			
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0033 KXFLD/TK0733 KXFLD/TK0741 KXFLD/TK0746 KXFLD/TK0787 KXFLD/TK0797	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110b	Does not apply: The provisions of this subpart apply only to volatile organic liquid storage vessels for which construction, reconstruction, modification commenced after July 23, 1984.	Storage vessels do not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

**REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

**XII. TABLE 2. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0037 DIST/TK0056	Control of Organic Compounds -- Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply -- Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103 H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
DIST/TK0057 DIST/TK0061			
DIST/TK0080 DIST/TK0081	NSPS Subpart K -- Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.1110	Does not apply -- The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
DIST/TK0082 DIST/TK0083			
DIST/TK0085 DIST/TK0086	NSPS Subpart Ka -- Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply -- The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
DIST/TK0091 DIST/TK0093			
DIST/TK0095 DIST/TK0134	NSPS Subpart Kb -- Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110b	Does not apply. The provisions of this subpart apply only to volatile organic liquid storage vessels for which construction, reconstruction, modification commenced after July 23, 1984.	Storage vessels do not store volatile organic liquid, and/or have not been modified after July 23, 1984.
DIST/TK0268 DIST/TK0280			
DIST/TK0281 DIST/TK0369	NESHAP Subpart Y -- Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply -- The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
DIST/TK0370 DIST/TK0413			
DIST/TK0420 DIST/TK0456	NESHAP Subpart FF -- Benzene Waste Operators, Storage Vessel Provisions 40 CFR 61.340	Does not apply -- The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.
DIST/TK0463 DIST/TK0464			
DIST/TK0465 DIST/TK0668			
DIST/TK0905 FEED/TK0065			
FEED/TK0066 FEED/TK0098			
FEED/TK0106 FEED/TK0108			
FEED/TK0176 FEED/TK0263			
FEED/TK0264 FEED/TK0177			
FEED/TK0178 FEED/TK0181			
FEED/TK0182 FEED/TK0184			
FEED/TK0185 FEED/TK0271			
FEED/TK0273 FEED/TK0274			
FEED/TK0275 FEED/TK0276			
FEED/TK0277 FEED/TK0278			
FEED/TK0283 FEED/TK0371			
FEED/TK0395 FEED/TK0612			
FEED/TK0613 FEED/TK0615			
FEED/TK0616 FEED/TK0754			
FEED/TK0757 FEED/TK0758			
FEED/TK0759 FEED/TK0760			
FEED/TK 0761 FEED/TK0763			
FEED/TK0764 FEED/TK0765			
FEED/TK0767 FEED/TK0772			
FEED/TK0789 FEED/TK0841			
FEED/TK0842 FEED/TK0859			
KXFLD/TK0168 KXFLD/TK0169			

**REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0409	Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110b	Does not apply: The provisions of this subpart apply only to storage vessels for volatile organic liquids with a capacity of less than 19,812 gal for which construction, reconstruction, or modification commenced after July 23, 1984.	The storage capacity of this vessel is below the capacity threshold.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

**REFINERY TANK FARM; AI No. 2638; PER20070008  
 EXXONMOBIL REFINING AND SUPPLY COMPANY  
 BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0111 DIST/TK0462 DIST/TK0934 KXFLD/TK0170 KXFLD/TK0171	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and 1.4	The maximum TVP of the material stored is < 1.5 psia at storage conditions
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110b	Does not apply: The provisions of this subpart apply only to volatile organic liquid storage vessels for which construction, reconstruction, modification commenced after July 23, 1984.	Storage vessels do not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene	Storage vessels do not store benzene
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0130 DIST/TK0131 DIST/TK0403 DIST/TK0407	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2.103	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2.103.H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
DIST/TK0408 DIST/TK0419 DIST/TK0461	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessels do not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0404 DIST/TK0405 FEED/TK0770 KXFLD/TK0698 KXFLD/TK0701 KXFLD/TK0703 KXFLD/TK0710 KXFLD/TK0724 KXFLD/TK0725 KXFLD/TK0727 KXFLD/TK0729 KXFLD/TK0730 KXFLD/TK0731 KXFLD/TK0740	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
KXFLD/TK0742 KXFLD/TK0745 KXFLD/TK0748 KXFLD/TK0753 KXFLD/TK0773 KXFLD/TK0776 KXFLD/TK0778 KXFLD/TK0780 KXFLD/TK0785 KXFLD/TK0786 KXFLD/TK0799 KXFLD/TK0864 KXFLD/TK0865	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1987 and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessels do not store volatile organic liquid and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

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<b>XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS</b>			
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0135	Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b(a)	Does not apply: The provisions of this subpart apply only to storage vessels for volatile organic liquids with a capacity of less than 19,812 gal for which construction, reconstruction, or modification commenced after July 23, 1984.	The storage capacity of this vessel is below the capacity threshold.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

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<b>XI TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS</b>				
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes	
DIST/TK0137 DIST/TK0138	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978.	
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984.	
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.	
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.	
	Compliance Assurance Monitoring for Major Stationary Sources 40 CFR 64.2(b)	Exempt - CAM requirements do not apply to NSPS, NESHAP or MACT standards proposed after November 15, 1990.	The MACT Subpart CC, proposed July 15, 1994 is applicable to these storage vessels.	

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
KXFLD/TK0198 KXFLD/TK0199 KXFLD/TK0728 KXFLD/TK0795 KXFLD/TK0796	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.
NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.

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**XL TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
KXFLD/TK0708 (Continued)	<p>NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)</p> <p>NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.</p> <p>Does not apply - The provisions of this subpart apply only to waste management units.</p>	<p>Storage vessels do not store benzene.</p> <p>Storage vessels do not contain waste materials.</p>
DIST/TK0402	<p>Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103</p> <p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110</p> <p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a</p> <p>NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b(a)</p> <p>NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)</p> <p>NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340</p>	<p>Does not apply - Storage vessels storing VOC with a maximum TVP &lt; 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4.</p> <p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p> <p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p> <p>Exempt - Storage vessels do not meet capacity and/or TVP applicability criteria and are exempt from the control requirements. The recordkeeping requirements apply.</p> <p>Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.</p> <p>Does not apply - The provisions of this subpart apply only to waste management units.</p>	<p>The maximum TVP of the material stored is &lt; 1.5 psia at storage conditions.</p> <p>Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.</p> <p>Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.</p> <p>Storage vessels are exempt from control requirements. The recordkeeping requirements apply.</p> <p>Storage vessels do not store benzene.</p> <p>Storage vessels do not contain waste materials.</p>

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<b>XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS</b>			
Emission Sources -	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0445	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103 NPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	The maximum TVP of the material stored is < 1.5 psia at storage conditions. Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
	NPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.115a(a)	Exempt - Storage vessels which store petroleum liquids with a TVP < 1.5 psia are exempt from control requirements. The recordkeeping requirements apply.	Storage vessel is exempt from control requirements. The recordkeeping requirements apply.
	NPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or has not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessel does not contain waste materials.

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<b>XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS</b>			
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0475 FEED/TK0372 FEED/TK0793	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply – The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.
FEED/TK0798	Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0798 (Continued)	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.
DIST/TK0669X	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
DIST/TK0670X			
DIST/TK0671X			
FEED/TK0024	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
FEED/TK0774X			
FEED/TK0179			
FEED/TK0284			
FEED/TK0762	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0669X DIST/TK0670X DIST/TK0671X FEED/TK0024 FEED/TK0774X FEED/TK0179 FEED/TK0284 FEED/TK0762 (Continued)	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110b(b) and (c) NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a) NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Exempt - Storage vessels do not meet capacity and/or TVP applicability criteria and are exempt from the control requirements. The recordkeeping requirements apply. Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene. Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels are exempt from control requirements. The recordkeeping requirements apply. Storage vessels do not store benzene. Storage vessels do not contain waste materials.
KXFLD/TK0172 KXFLD/TK0173	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103 NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110 NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with capacity of less than 40,000 gallons are not subject to this subpart. Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984. Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	The maximum TVP of the material stored is < 1.5 psia at storage conditions. Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons. Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons. Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984. Storage vessels do not store benzene.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
KXFLD/TK0172 KXFLD/TK0173 (Continued)	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.
DIST/TK0136	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103 NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	The maximum TVP of the material stored is < 1.5 psia at storage conditions. Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessels do not contain waste materials.

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<b>XI TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS</b>			
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
DIST/TK0261 FEED/TK0097 FEED/TK0099 FEED/TK0100 FEED/TK0101	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000 gallons.	
NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply – The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessels do not store volatile organic liquid, and/or not have been modified after July 23, 1984.	
NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.	
Compliance Assurance Monitoring for Major Stationary Sources 40 CFR 64.2(b)	Exempt – CAM requirements do not apply to NSPS, NESHAP or MACT standards proposed after November 15, 1990.	The MACT Subpart CC, proposed July 15, 1994 is applicable to these storage vessels.	
FEED/TK0105	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0105 (Continued)	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
FEED/TK0109	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0183	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103 NPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with capacity of less than 40,000 gallons are not subject to this subpart.	The maximum TVP of the material stored is < 1.5 psia at storage conditions. Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
	NPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.115a(a)	Exempt - Storage vessels which store petroleum liquids with a TVP < 1.5 psia are exempt from control requirements. The recordkeeping requirements apply.	Storage vessel is exempt from control requirements. The recordkeeping requirements apply.
	NPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessel does not contain waste materials.

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0187	<p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids                      40 CFR 60.110</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p>	<p>Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.</p>
	<p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids                      40 CFR 60.110a</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p>	<p>Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.</p>
	<p>NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels                      40 CFR 61.270(a)</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.</p>	<p>Storage vessels do not store benzene.</p>
	<p>NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions                      40 CFR 61.340</p>	<p>Does not apply - The provisions of this subpart apply only to waste management units.</p>	<p>Storage vessels do not contain waste materials.</p>
FEED/TK0188	<p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids                      40 CFR 60.110</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p>	<p>Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.</p>
	<p>NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids                      40 CFR 60.110b</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.</p>	<p>Storage vessel does not store petroleum liquid, and/or has not been modified after July 23, 1984.</p>

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0188 (Continued)	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)  NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.  Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessel does not store benzene.  Storage vessel does not contain waste materials.
FEED/TK0189	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110  NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.  Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.  Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
FEED/TK0192 FEED/TK0777 KXFLD/TK0722 KXFLD/TK0732 KXFLD/TK0750	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)  NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.  Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.  Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessels do not store benzene.  Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.  Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0192 FEED/TK0777 KXFLD/TK0722 KXFLD/TK0732 KXFLD/TK0750 (Continued)	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a) NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene. Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessels do not store benzene. Storage vessels do not contain waste materials.
FEED/TK0194	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply – The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or have not been modified after July 23, 1984.
FEED/TK0195	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a) NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene. Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store benzene. Storage vessel does not store petroleum liquid, was modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.

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<b>XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS</b>			
Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0195 (Continued)	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or has not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
FEED/TK0197	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0300	Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103	Does not apply – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4.	The maximum TVP of the material stored is < 1.5 psia at storage conditions.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.112(a)(1)	Exempt – Storage vessels which store petroleum liquids with a TVP < 1.5 psia are exempt from control requirements. The recordkeeping requirements apply.	Storage vessel is exempt from control requirements. The recordkeeping requirements apply.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply – The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or has not been modified after July 23, 1984.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessel does not contain waste materials.

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0457 FEED/TK0460 FEED/TK0476 FEED/TK0477	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or do not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessels do not store petroleum liquid, were not modified between May 18, 1978, and July 23, 1984, and/or do not have a capacity greater than 40,000gallons.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessels do not store benzene.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons..
FEED/TK0474	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply – The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	

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Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0474 (Continued)	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
KXFLD/FLR-21 #21 Flare	Control of Emissions of Nitrogen Oxides – Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence LAC 33:III.2201.C.7	Exempt – Flares are exempted from the provisions of Chapter 22.	
KXFLD/TK0655	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply – The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or has not been modified after July 23, 1984.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
KXFLD/TK0700	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b	Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.	Storage vessel does not store volatile organic liquid, and/or has not been modified after July 23, 1984.
	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
KXFLD/TK0702	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
KXFLD/TK0702 (Continued)	<p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids                      40 CFR 60.110a</p> <p>NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels                      40 CFR 61.270(a)</p> <p>NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions                      40 CFR 61.340</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p> <p>Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.</p> <p>Does not apply - The provisions of this subpart apply only to waste management units.</p>	<p>Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.</p> <p>Storage vessel does not store benzene.</p> <p>Storage vessel does not contain waste materials.</p>
KXFLD/TK0720	<p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids                      40 CFR 60.110</p> <p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids                      40 CFR 60.110a</p>	<p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p> <p>Does not apply - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.</p> <p>Does not apply - The provisions of this subpart apply only to storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984.</p>	<p>Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.</p> <p>Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.</p> <p>Storage vessel does not store volatile organic liquid, and/or has not been modified after July 23, 1984.</p>

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
KXFLD/TK0720 (Continued)	NESHAP Subpart Y - Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply - The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
KXFLD/TK0734 KXFLD/TK0743 KXFLD/TK0751	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply - The provisions of this subpart apply only to waste management units.	Storage vessel does not contain waste materials.
	Comprehensive Toxic Air Pollutant Emission Control Program State Only LAC 33:III.5109.A	Does not apply - MACT is not required for sources which do not emit Class I or Class II toxic air pollutants at a rate $\geq$ the minimum emission rate.	Pressure vessels without emissions to the atmosphere.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.111	Does not apply - Pressure vessels which are designed to operate in excess of 15 psig without emissions to the atmosphere except under emergency conditions are not subject to this subpart.	Sphere/Pressure Vessels
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply - Pressure vessels which are designed to operate in excess of 15 psig without emissions to the atmosphere except under emergency conditions are not subject to this subpart.	Sphere/Pressure Vessels
	NSPS Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquids 40 CFR 60.110b(d)(2)	Does not apply - Pressure vessels which are designed to operate in excess of 15 psig without emissions to the atmosphere are not subject to this subpart.	Sphere/Pressure Vessels. Process upset gases are routed to the flare, emission point KXFLD/FLR-21.
	NESHAP Subpart CC - Petroleum Refineries, Storage Vessel Provisions 40 CFR 63.100	Does not apply - Pressure vessels, which are designed to operate in excess of 15 psig without emissions to the atmosphere, are not subject to this subpart.	Sphere/Pressure Vessels - Process upset gases are routed to Source ID: KXFLD/FLR-21.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
FEED/TK0190 KXFLD/TK0863	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Does not apply – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart.	Storage vessel does not store petroleum liquid, was not modified between May 18, 1978, and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons.
	NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a)	Does not apply – The provisions of this subpart apply only to storage vessels storing industrial grade or refined benzene.	Storage vessel does not store benzene.
	NESHAP Subpart FF - Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340	Does not apply – The provisions of this subpart apply only to waste management units.	Storage vessel does not contain waste materials.
RTF/Caustic Load Caustic Loading at Light Ends Truck Rack	Control of Organic Compounds – Volatile Organic Compounds – Loading LAC 33:III.2107.A  NESHAP Subpart EEEE Organic Liquids Distribution (Non-Gasoline) 40 CFR 63 Subpart EEEE	Does not apply – Loading facilities of VOCs having a TVP < 1.5 psia are not subject to the provisions of this section except for LAC 33:III.2107.D.1.  Does not apply as proposed – The Organic Liquid Distribution (OLD) MACT applies to distribution operations of organic liquids defined as any non-gasoline liquid or liquid mixture that contains ≥ 5% by weight of organic HAP.	The TVP of the material loaded is < 1.5 psia at loading conditions.  The caustic material loaded does not meet the definition of organic liquid in the proposed rule. BRRF shall determine applicability to the final rule and comply with all applicable provisions in the required time frame.

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**XI. TABLE 2. STATE AND FEDERAL AIR QUALITY REQUIREMENTS**

Emission Sources	Applicable Requirement	Compliance Method/Provision	Notes
RTF/Diesel Engine Diesel Engine	Control of Emissions of Nitrogen Oxides – Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence LAC 33:III.2201.C.14	Exempt – Diesel-fired internal combustion engines are exempted from the provisions of Chapter 22.	
RTF/Diesel Load Diesel Loading at Light Ends Truck Rack	Comprehensive Toxic Air Pollutant Emission Control Program State Only LAC 33:III.5105.B.3.a Control of Organic Compounds – Volatile Organic Compounds – Loading LAC 33:III.2107.A	Exempt – Emissions from the combustion of Group I virgin fossil fuels are exempt from the requirements of Chapter 51 Subchapter A.	MACT not required, engine fires diesel fuel.
RTF/FUG Refinery Tank Complex Fugitive Emissions	NESHAP Subpart EEEE Organic Liquids Distribution (Non-Gasoline) 40 CFR 63 Subpart EEEE	Does not apply – Loading facilities of VOCs having a TVP < 1.5 psia are not subject to the provisions of this section except for LAC 33:III.2107.D.1. Does not apply as proposed – The Organic Liquid Distribution (OLD) MACT applies to distribution operations of organic liquids defined as any non-gasoline liquid or liquid mixture that contains ≥ 5% by weight of organic HAP.	The TVP of the material loaded is < 1.5 psia at loading conditions. Diesel does not meet the definition of organic liquid in the proposed rule. BRRF shall determine applicability to the final rule and comply with all applicable provisions in the required time frame.
RTF/FUG Refinery Tank Complex Fugitive Emissions	NESHAP Subpart J – National Emission Standard for Equipment Leaks of Benzene 40 CFR 61.110(c)(3)	Exempt – Complex does not have streams which contain ≥ 10% by weight benzene.	
RTF/FUG Refinery Tank Complex Fugitive Emissions	NESHAP Subpart V – National Emission Standard for Equipment Leaks of VHAP 40 CFR 61.240(a)	Does not apply – Complex does not have streams which contain ≥ 10% by weight VHAP.	
RTF/WW	NSPS 40 CFR 60 Subpart QQQ – Petroleum Refinery Wastewater Systems 40 CFR 60.690(a)	Does not apply – The provisions of this subpart only apply to affected facilities for which construction, modification, or reconstruction is commenced after May 4, 1987.	Affected facilities have not been modified after May 4, 1987.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7©(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

## 40 CFR PART 70 GENERAL CONDITIONS

- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6©(2)(i)];
  2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6©(2)(ii)];
  3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6©(2)(iii)]; and
  4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6©(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 © (8) and a progress report on any applicable schedule of

## 40 CFR PART 70 GENERAL CONDITIONS

- compliance pursuant to 40 CFR Section 70.6 © (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6©(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6©(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
  4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

## 40 CFR PART 70 GENERAL CONDITIONS

5. changes in emissions would not qualify as a significant modification; and
  6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
  3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
    - a. Report by June 30 to cover January through March
    - b. Report by September 30 to cover April through June
    - c. Report by December 31 to cover July through September
    - d. Report by March 31 to cover October through December
  4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5©(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

**40 CFR PART 70 GENERAL CONDITIONS**

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated June 1, 2007 and August 10, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
- A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.
- The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
- This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
  - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

1. Report by June 30 to cover January through March
  2. Report by September 30 to cover April through June
  3. Report by December 31 to cover July through September
  4. Report by March 31 to cover October through December
- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
  2. Cause of noncompliance;
  3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
  4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
  5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
  - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
  - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
  - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under

## 40 CFR PART 70 GENERAL CONDITIONS

this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
  2. Be less than the minimum emission rate (MER)
  3. Be scheduled daily, weekly, monthly, etc., or
  4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
 La. Dept. of Environmental Quality  
 Post Office Box 4302  
 Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

**AI ID: 2638 ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Also Known As:	ID	Name	User Group	Start Date
	0840-00015	ExxonMobil Refining & Supply Co - Baton Rouge Refinery	CDS Number	11-28-2000
	0840-0015	ExxonMobil Refining & Supply Co - Baton Rouge Refinery	Emission Inventory	03-03-2004
	13-5409005	Federal Tax ID	Federal Tax ID	11-20-1999
	LAD062662887	Exxon Co USA - Baton Rouge Refinery	Hazardous Waste Notification	11-19-1980
	PC/CA	GPRA Baselines	Hazardous Waste Permitting	10-01-1997
	00333	Baton Rouge Refinery	Inactive & Abandoned Sites	02-21-1980
	LAD062662887	Exxon Co USA - Baton Rouge Refinery	Inactive & Abandoned Sites	02-21-1980
	LA0005584	LPDES #	LPDES Permit #	06-25-2003
	LAR05N757	LPDES #	LPDES Permit #	10-12-2006
	WF0592	LWDPS #	LWDPS Permit #	06-25-2003
	1345	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
	D-033-9777	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
	G-033-5407	Exxon Co USA	Solid Waste	01-08-2002
	GD-033-0596	SW ID #	Solid Waste Facility No.	11-21-1999
	0840A0210	SW ID#	Solid Waste Facility No.	04-30-2001
	100178	Stage II Vapor Recovery	Stage II Vapor Recovery	08-19-2002
	34448	Humble Oil & Refining Co	TEMPO Merge	11-10-2002
	44847	ExxonMobil Refining & Supply Co	TEMPO Merge	07-11-2001
	47223	Exxon Co USA - Baton Rouge Refinery	TEMPO Merge	07-15-2001
	0840-0015	Exxon Co USA - Baton Rouge Refinery	TEMPO Merge	07-15-2001
	70805XXNBT4050S	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
	1218	TRI #	Toxic Release Inventory	07-12-2004
	1751	UST Case History Case Number	UST Case Number	11-21-1999
	743	UST Case History Case Number	UST Case Number	11-21-1999
	17-004239	UST Case History Case Number	UST Case Number	11-21-1999
		UST Facility ID (from UST legacy data)	UST FID #	10-11-2002

**Physical Location:**  
 4045 Scenic Hwy  
 Baton Rouge, LA 70805

**Mailing Address:**  
 PO Box 551  
 Baton Rouge, LA 708210551

**Location of Front Gate:** 30° 29' 3" 81 hundredths latitude, 91° 10' 10" 0 hundredths longitude, Coordinate Method: GPS Code (Pseudo Range) Differential, Coordinate Datum: NAD83

**Related People:**

Name	Mailing Address	Phone (Type)	Relationship

General Information

AI ID: 2638 ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
 Permit Number: 2795-V3  
 Air - Title V Regular Permit Minor Mod

## Related People:

Name	Mailing Address	Phone (Type)	Relationship
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	DAVE.FELLOWS@E	Water Permit Contact For
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Water Permit Contact For
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Emission Inventory Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	DAVE.FELLOWS@E	Emission Inventory Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	DAVE.FELLOWS@E	Accident Prevention Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	DAVE.FELLOWS@E	Underground Storage Tank Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Underground Storage Tank Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Accident Prevention Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	DAVE.FELLOWS@E	TEDI Contact for
Dave Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	TEDI Contact for
Diane Leche	PO Box 551 Baton Rouge, LA 708210551	2259771549 (WP)	Air Permit Contact For
Paul D. Leinweber	PO Box 551 Baton Rouge, LA 708210551	2259778873 (WP)	Accident Prevention Billing Party for
Paul D. Leinweber	PO Box 551 Baton Rouge, LA 708210551	2259771579 (WF)	Accident Prevention Billing Party for
Stan J. Vanderleeuw	PO Box 551 Baton Rouge, LA 708210551	2259777848 (WP)	Solid Waste Permit Contact for
Stan J. Vanderleeuw	PO Box 551 Baton Rouge, LA 708210551	2259777848 (WP)	Solid Waste Billing Party for
Ralph C. Willis	4999 Scenic Hwy Baton Rouge, LA 70805	2259778423 (WP)	Radiation Contact For
Ralph C. Willis	4999 Scenic Hwy Baton Rouge, LA 70805	2259778423 (WP)	Radiation Registration Billing Party for

## Related Organizations:

Name	Address	Phone (Type)	Relationship
ExxonMobil Corp	4045 Scenic Hwy Baton Rouge, LA 70821	2259777652 (WP)	Operates
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Operates
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	UST Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Air Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Stage II Vapor Recovery Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Water Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to [facupdate@la.gov](mailto:facupdate@la.gov).

**INVENTORIES**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQ10315	DIST/TK0032 - DIST/TK0032	37225 bbl				8760 hr/yr (All Year)
EQ10316	DIST/TK0033 - DIST/TK0033	44763 bbl				8760 hr/yr (All Year)
EQ10317	DIST/TK0037 - DIST/TK0037	32901 bbl				8760 hr/yr (All Year)
EQ10318	DIST/TK0056 - DIST/TK0056	24192 bbl				8760 hr/yr (All Year)
EQ10319	DIST/TK0057 - DIST/TK0057	24192 bbl				8760 hr/yr (All Year)
EQ10320	DIST/TK0061 - DIST/TK0061	24192 bbl				8760 hr/yr (All Year)
EQ10322	DIST/TK0075 - DIST/TK0075	37800 bbl				8760 hr/yr (All Year)
EQ10323	DIST/TK0080 - DIST/TK0080	42380 bbl				8760 hr/yr (All Year)
EQ10324	DIST/TK0081 - DIST/TK0081	96768 bbl				8760 hr/yr (All Year)
EQ10325	DIST/TK0082 - DIST/TK0082	34020 bbl				8760 hr/yr (All Year)
EQ10326	DIST/TK0083 - DIST/TK0083	34020 bbl				8760 hr/yr (All Year)
EQ10327	DIST/TK0085 - DIST/TK0085	31752 bbl				8760 hr/yr (All Year)
EQ10328	DIST/TK0086 - DIST/TK0086	34020 bbl				8760 hr/yr (All Year)
EQ10329	DIST/TK0091 - DIST/TK0091	34020 bbl				8760 hr/yr (All Year)
EQ10330	DIST/TK0093 - DIST/TK0093	420 bbl				8760 hr/yr (All Year)
EQ10331	DIST/TK0095 - DIST/TK0095	42380 bbl				8760 hr/yr (All Year)
EQ10332	DIST/TK0104 - DIST/TK0104	43008 bbl				8760 hr/yr (All Year)
EQ10333	DIST/TK0111 - DIST/TK0111	630 bbl				8760 hr/yr (All Year)
EQ10334	DIST/TK0130 - DIST/TK0130	42380 bbl				8760 hr/yr (All Year)
EQ10335	DIST/TK0131 - DIST/TK0131	42380 bbl				8760 hr/yr (All Year)
EQ10338	DIST/TK0134 - DIST/TK0134	42380 bbl				8760 hr/yr (All Year)
EQ10339	DIST/TK0135 - DIST/TK0135	206 bbl				8760 hr/yr (All Year)
EQ10340	DIST/TK0136 - DIST/TK0136	645 bbl				8760 hr/yr (All Year)
EQ10341	DIST/TK0261 - DIST/TK0261	64803 bbl				8760 hr/yr (All Year)
EQ10342	DIST/TK0268 - DIST/TK0268	64803 bbl				8760 hr/yr (All Year)
EQ10343	DIST/TK0280 - DIST/TK0280	53229 bbl				8760 hr/yr (All Year)
EQ10344	DIST/TK0281 - DIST/TK0281	42380 bbl				8760 hr/yr (All Year)
EQ10345	DIST/TK0369 - DIST/TK0369	81312 bbl				8760 hr/yr (All Year)
EQ10346	DIST/TK0370 - DIST/TK0370	81312 bbl				8760 hr/yr (All Year)
EQ10347	DIST/TK0402 - DIST/TK0402	112896 bbl				8760 hr/yr (All Year)
EQ10348	DIST/TK0403 - DIST/TK0403	94864 bbl				8760 hr/yr (All Year)
EQ10349	DIST/TK0404 - DIST/TK0404	94864 bbl				8760 hr/yr (All Year)
EQ10350	DIST/TK0405 - DIST/TK0405	94864 bbl				8760 hr/yr (All Year)
EQ10351	DIST/TK0406 - DIST/TK0406	94864 bbl				8760 hr/yr (All Year)
EQ10352	DIST/TK0407 - DIST/TK0407	94864 bbl				8760 hr/yr (All Year)
EQ10353	DIST/TK0408 - DIST/TK0408	93940 bbl				8760 hr/yr (All Year)
EQ10354	DIST/TK0409 - DIST/TK0409	420 bbl				8760 hr/yr (All Year)
EQ10356	DIST/TK0413 - DIST/TK0413	120664 bbl				8760 hr/yr (All Year)
EQ10357	DIST/TK0419 - DIST/TK0419	103684 bbl				8760 hr/yr (All Year)
EQ10358	DIST/TK0420 - DIST/TK0420	120664 bbl				8760 hr/yr (All Year)

**INVENTORIES**  
**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQT0359	DIST/TK0445 - DIST/TK0445	2625 bbl				8760 hr/yr (All Year)
EQT0360	DIST/TK0456 - DIST/TK0456	14700 bbl				8760 hr/yr (All Year)
EQT0361	DIST/TK0461 - DIST/TK0461	55545 bbl				8760 hr/yr (All Year)
EQT0362	DIST/TK0462 - DIST/TK0462	420 bbl				8760 hr/yr (All Year)
EQT0363	DIST/TK0463 - DIST/TK0463	54583 bbl				8760 hr/yr (All Year)
EQT0364	DIST/TK0464 - DIST/TK0464	54583 bbl				8760 hr/yr (All Year)
EQT0365	DIST/TK0465 - DIST/TK0465	54583 bbl				8760 hr/yr (All Year)
EQT0366	DIST/TK0475 - DIST/TK0475	58800 bbl				8760 hr/yr (All Year)
EQT0367	DIST/TK0688 - DIST/TK0688	120664 bbl				8760 hr/yr (All Year)
EQT0368	DIST/TK0699X - DIST/TK0699X	120664 bbl				8760 hr/yr (All Year)
EQT0369	DIST/TK0670X - DIST/TK0670X	120664 bbl				8760 hr/yr (All Year)
EQT0370	DIST/TK0871X - DIST/TK0871X	120664 bbl				8760 hr/yr (All Year)
EQT0371	DIST/TK0905 - DIST/TK0905	12600 bbl				8760 hr/yr (All Year)
EQT0373	DIST/TK0934 - DIST/TK0934	756 bbl				8760 hr/yr (All Year)
EQT0374	FEED/TK0024 - FEED/TK0024	90645 bbl				8760 hr/yr (All Year)
EQT0375	FEED/TK0065 - FEED/TK0065	17640 bbl				8760 hr/yr (All Year)
EQT0376	FEED/TK0066 - FEED/TK0066	17640 bbl				8760 hr/yr (All Year)
EQT0378	FEED/TK0097 - FEED/TK0097	42380 bbl				8760 hr/yr (All Year)
EQT0379	FEED/TK0098 - FEED/TK0098	42380 bbl				8760 hr/yr (All Year)
EQT0380	FEED/TK0099 - FEED/TK0099	52164 bbl				8760 hr/yr (All Year)
EQT0381	FEED/TK0100 - FEED/TK0100	43008 bbl				8760 hr/yr (All Year)
EQT0382	FEED/TK0101 - FEED/TK0101	42380 bbl				8760 hr/yr (All Year)
EQT0383	FEED/TK0105 - FEED/TK0105	42380 bbl				8760 hr/yr (All Year)
EQT0384	FEED/TK0106 - FEED/TK0106	42380 bbl				8760 hr/yr (All Year)
EQT0385	FEED/TK0108 - FEED/TK0108	42380 bbl				8760 hr/yr (All Year)
EQT0386	FEED/TK0109 - FEED/TK0109	42380 bbl				8760 hr/yr (All Year)
EQT0387	FEED/TK0176 - FEED/TK0176	64803 bbl				8760 hr/yr (All Year)
EQT0388	FEED/TK0177 - FEED/TK0177	64803 bbl				8760 hr/yr (All Year)
EQT0389	FEED/TK0178 - FEED/TK0178	64803 bbl				8760 hr/yr (All Year)
EQT0390	FEED/TK0179 - FEED/TK0179	64803 bbl				8760 hr/yr (All Year)
EQT0391	FEED/TK0181 - FEED/TK0181	64803 bbl				8760 hr/yr (All Year)
EQT0392	FEED/TK0182 - FEED/TK0182	120664 bbl				8760 hr/yr (All Year)
EQT0393	FEED/TK0183 - FEED/TK0183	120664 bbl				8760 hr/yr (All Year)
EQT0394	FEED/TK0184 - FEED/TK0184	64803 bbl				8760 hr/yr (All Year)
EQT0395	FEED/TK0185 - FEED/TK0185	64803 bbl				8760 hr/yr (All Year)
EQT0396	FEED/TK0187 - FEED/TK0187	64803 bbl				8760 hr/yr (All Year)
EQT0397	FEED/TK0188 - FEED/TK0188	64803 bbl				8760 hr/yr (All Year)
EQT0398	FEED/TK0189 - FEED/TK0189	61932 bbl				8760 hr/yr (All Year)
EQT0399	FEED/TK0190 - FEED/TK0190	64803 bbl				8760 hr/yr (All Year)
EQT0400	FEED/TK0192 - FEED/TK0192	64803 bbl				8760 hr/yr (All Year)

**INVENTORIES**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQT0401	FEED/TK0193 - FEED/TK0193	64803 bbl				8760 hr/yr (All Year)
EQT0402	FEED/TK0194 - FEED/TK0194	64803 bbl				8760 hr/yr (All Year)
EQT0403	FEED/TK0195 - FEED/TK0195	64803 bbl				8760 hr/yr (All Year)
EQT0404	FEED/TK0196 - FEED/TK0196	64803 bbl				8760 hr/yr (All Year)
EQT0405	FEED/TK0197 - FEED/TK0197	64803 bbl				8760 hr/yr (All Year)
EQT0406	FEED/TK0263 - FEED/TK0263	51842 bbl				8760 hr/yr (All Year)
EQT0407	FEED/TK0264 - FEED/TK0264	51842 bbl				8760 hr/yr (All Year)
EQT0408	FEED/TK0271 - FEED/TK0271	51842 bbl				8760 hr/yr (All Year)
EQT0409	FEED/TK0272 - FEED/TK0272	64803 bbl				8760 hr/yr (All Year)
EQT0410	FEED/TK0273 - FEED/TK0273	64803 bbl				8760 hr/yr (All Year)
EQT0411	FEED/TK0274 - FEED/TK0274	64803 bbl				8760 hr/yr (All Year)
EQT0412	FEED/TK0275 - FEED/TK0275	64803 bbl				8760 hr/yr (All Year)
EQT0413	FEED/TK0276 - FEED/TK0276	64803 bbl				8760 hr/yr (All Year)
EQT0414	FEED/TK0277 - FEED/TK0277	64803 bbl				8760 hr/yr (All Year)
EQT0415	FEED/TK0278 - FEED/TK0278	64803 bbl				8760 hr/yr (All Year)
EQT0416	FEED/TK0283 - FEED/TK0283	42380 bbl				8760 hr/yr (All Year)
EQT0417	FEED/TK0284 - FEED/TK0284	42380 bbl				8760 hr/yr (All Year)
EQT0418	FEED/TK0300 - FEED/TK0300	197120 bbl				8760 hr/yr (All Year)
EQT0419	FEED/TK0371 - FEED/TK0371	81312 bbl				8760 hr/yr (All Year)
EQT0420	FEED/TK0372 - FEED/TK0372	81312 bbl				8760 hr/yr (All Year)
EQT0421	FEED/TK0395 - FEED/TK0395	81312 bbl				8760 hr/yr (All Year)
EQT0422	FEED/TK0457 - FEED/TK0457	24192 bbl				8760 hr/yr (All Year)
EQT0423	FEED/TK0460 - FEED/TK0460	24192 bbl				8760 hr/yr (All Year)
EQT0424	FEED/TK0474 - FEED/TK0474	18144 bbl				8760 hr/yr (All Year)
EQT0425	FEED/TK0476 - FEED/TK0476	32928 bbl				8760 hr/yr (All Year)
EQT0426	FEED/TK0477 - FEED/TK0477	32928 bbl				8760 hr/yr (All Year)
EQT0427	FEED/TK0612 - FEED/TK0612	120664 bbl				8760 hr/yr (All Year)
EQT0428	FEED/TK0613 - FEED/TK0613	120664 bbl				8760 hr/yr (All Year)
EQT0429	FEED/TK0615 - FEED/TK0615	120664 bbl				8760 hr/yr (All Year)
EQT0430	FEED/TK0616 - FEED/TK0616	120664 bbl				8760 hr/yr (All Year)
EQT0431	FEED/TK0754 - FEED/TK0754	77763 bbl				8760 hr/yr (All Year)
EQT0432	FEED/TK0757 - FEED/TK0757	41847 bbl				8760 hr/yr (All Year)
EQT0433	FEED/TK0758 - FEED/TK0758	74592 bbl				8760 hr/yr (All Year)
EQT0434	FEED/TK0759 - FEED/TK0759	70560 bbl				8760 hr/yr (All Year)
EQT0435	FEED/TK0760 - FEED/TK0760	55545 bbl				8760 hr/yr (All Year)
EQT0436	FEED/TK0761 - FEED/TK0761	55500 bbl				8760 hr/yr (All Year)
EQT0437	FEED/TK0762 - FEED/TK0762	55545 bbl				8760 hr/yr (All Year)
EQT0438	FEED/TK0763 - FEED/TK0763	41847 bbl				8760 hr/yr (All Year)
EQT0439	FEED/TK0764 - FEED/TK0764	55545 bbl				8760 hr/yr (All Year)
EQT0440	FEED/TK0765 - FEED/TK0765	84672 bbl				8760 hr/yr (All Year)

**INVENTORIES**  
**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQT0441	FEED/TK0767 - FEED/TK0767	55545 bbl				8760 hr/yr (All Year)
EQT0442	FEED/TK0770 - FEED/TK0770	120664 bbl				8760 hr/yr (All Year)
EQT0443	FEED/TK0772 - FEED/TK0772	96768 bbl				8760 hr/yr (All Year)
EQT0444	FEED/TK0774X - FEED/TK0774X	88799 bbl				8760 hr/yr (All Year)
EQT0445	FEED/TK0777 - FEED/TK0777	120664 bbl				8760 hr/yr (All Year)
EQT0446	FEED/TK0789 - FEED/TK0789	75912 bbl				8760 hr/yr (All Year)
EQT0447	FEED/TK0793 - FEED/TK0793	21168 bbl				8760 hr/yr (All Year)
EQT0448	FEED/TK0798 - FEED/TK0798	81312 bbl				8760 hr/yr (All Year)
EQT0449	FEED/TK0841 - FEED/TK0841	82656 bbl				8760 hr/yr (All Year)
EQT0450	FEED/TK0842 - FEED/TK0842	82656 bbl				8760 hr/yr (All Year)
EQT0451	FEED/TK0859 - FEED/TK0859	31556 bbl				8760 hr/yr (All Year)
EQT0453	KXFLD/TK0168 - KXFLD/TK0168	403 bbl				8760 hr/yr (All Year)
EQT0454	KXFLD/TK0169 - KXFLD/TK0169	403 bbl				8760 hr/yr (All Year)
EQT0455	KXFLD/TK0170 - KXFLD/TK0170	403 bbl				8760 hr/yr (All Year)
EQT0456	KXFLD/TK0171 - KXFLD/TK0171	403 bbl				8760 hr/yr (All Year)
EQT0457	KXFLD/TK0172 - KXFLD/TK0172	252 bbl				8760 hr/yr (All Year)
EQT0458	KXFLD/TK0173 - KXFLD/TK0173	252 bbl				8760 hr/yr (All Year)
EQT0459	KXFLD/TK0198 - KXFLD/TK0198	84893 bbl				8760 hr/yr (All Year)
EQT0460	KXFLD/TK0199 - KXFLD/TK0199	84893 bbl				8760 hr/yr (All Year)
EQT0461	KXFLD/TK0655 - KXFLD/TK0655	8064 bbl				8760 hr/yr (All Year)
EQT0462	KXFLD/TK0698 - KXFLD/TK0698	54432 bbl				8760 hr/yr (All Year)
EQT0463	KXFLD/TK0700 - KXFLD/TK0700	4410 bbl				8760 hr/yr (All Year)
EQT0464	KXFLD/TK0701 - KXFLD/TK0701	54432 bbl				8760 hr/yr (All Year)
EQT0465	KXFLD/TK0702 - KXFLD/TK0702	54432 bbl				8760 hr/yr (All Year)
EQT0466	KXFLD/TK0703 - KXFLD/TK0703	54432 bbl				8760 hr/yr (All Year)
EQT0467	KXFLD/TK0708 - KXFLD/TK0708	41728 bbl				8760 hr/yr (All Year)
EQT0468	KXFLD/TK0710 - KXFLD/TK0710	38707 bbl				8760 hr/yr (All Year)
EQT0469	KXFLD/TK0720 - KXFLD/TK0720	120664 bbl				8760 hr/yr (All Year)
EQT0470	KXFLD/TK0722 - KXFLD/TK0722	80640 bbl				8760 hr/yr (All Year)
EQT0471	KXFLD/TK0724 - KXFLD/TK0724	80640 bbl				8760 hr/yr (All Year)
EQT0472	KXFLD/TK0725 - KXFLD/TK0725	80640 bbl				8760 hr/yr (All Year)
EQT0473	KXFLD/TK0726X - KXFLD/TK0726X	153664 bbl				8760 hr/yr (All Year)
EQT0474	KXFLD/TK0727 - KXFLD/TK0727	96768 bbl				8760 hr/yr (All Year)
EQT0475	KXFLD/TK0728 - KXFLD/TK0728	120664 bbl				8760 hr/yr (All Year)
EQT0476	KXFLD/TK0729 - KXFLD/TK0729	96768 bbl				8760 hr/yr (All Year)
EQT0477	KXFLD/TK0730 - KXFLD/TK0730	96768 bbl				8760 hr/yr (All Year)
EQT0478	KXFLD/TK0731 - KXFLD/TK0731	80640 bbl				8760 hr/yr (All Year)
EQT0479	KXFLD/TK0732 - KXFLD/TK0732	80640 bbl				8760 hr/yr (All Year)
EQT0480	KXFLD/TK0733 - KXFLD/TK0733	80640 bbl				8760 hr/yr (All Year)
EQT0481	KXFLD/TK0735X - KXFLD/TK0735X	153664 bbl				8760 hr/yr (All Year)

**INVENTORIES**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQT0482	KXFLD/TK0737X - KXFLD/TK0737X	153664 bbl				8760 hr/yr (All Year)
EQT0483	KXFLD/TK0738 - KXFLD/TK0738	80640 bbl				8760 hr/yr (All Year)
EQT0484	KXFLD/TK0739X - KXFLD/TK0739X	153664 bbl				8760 hr/yr (All Year)
EQT0485	KXFLD/TK0740 - KXFLD/TK0740	80640 bbl				8760 hr/yr (All Year)
EQT0486	KXFLD/TK0741 - KXFLD/TK0741	80640 bbl				8760 hr/yr (All Year)
EQT0487	KXFLD/TK0742 - KXFLD/TK0742	120664 bbl				8760 hr/yr (All Year)
EQT0488	KXFLD/TK0745 - KXFLD/TK0745	80640 bbl				8760 hr/yr (All Year)
EQT0489	KXFLD/TK0746 - KXFLD/TK0746	80640 bbl				8760 hr/yr (All Year)
EQT0490	KXFLD/TK0748 - KXFLD/TK0748	32928 bbl				8760 hr/yr (All Year)
EQT0491	KXFLD/TK0750 - KXFLD/TK0750	54432 bbl				8760 hr/yr (All Year)
EQT0492	KXFLD/TK0753 - KXFLD/TK0753	55545 bbl				8760 hr/yr (All Year)
EQT0493	KXFLD/TK0766 - KXFLD/TK0766	84672 bbl				8760 hr/yr (All Year)
EQT0494	KXFLD/TK0773 - KXFLD/TK0773	87333 bbl				8760 hr/yr (All Year)
EQT0495	KXFLD/TK0776 - KXFLD/TK0776	120664 bbl				8760 hr/yr (All Year)
EQT0496	KXFLD/TK0778 - KXFLD/TK0778	120664 bbl				8760 hr/yr (All Year)
EQT0497	KXFLD/TK0779X - KXFLD/TK0779X	84672 bbl				8760 hr/yr (All Year)
EQT0498	KXFLD/TK0780 - KXFLD/TK0780	120664 bbl				8760 hr/yr (All Year)
EQT0499	KXFLD/TK0785 - KXFLD/TK0785	120664 bbl				8760 hr/yr (All Year)
EQT0500	KXFLD/TK0786 - KXFLD/TK0786	96768 bbl				8760 hr/yr (All Year)
EQT0501	KXFLD/TK0787 - KXFLD/TK0787	91236 bbl				8760 hr/yr (All Year)
EQT0502	KXFLD/TK0795 - KXFLD/TK0795	96768 bbl				8760 hr/yr (All Year)
EQT0503	KXFLD/TK0796 - KXFLD/TK0796	96768 bbl				8760 hr/yr (All Year)
EQT0504	KXFLD/TK0797 - KXFLD/TK0797	96768 bbl				8760 hr/yr (All Year)
EQT0505	KXFLD/TK0799 - KXFLD/TK0799	30166 bbl				8760 hr/yr (All Year)
EQT0506	KXFLD/TK0863 - KXFLD/TK0863	30166 bbl				8760 hr/yr (All Year)
EQT0507	KXFLD/TK0864 - KXFLD/TK0864	30166 bbl				8760 hr/yr (All Year)
EQT0508	KXFLD/TK0865 - KXFLD/TK0865	30166 bbl				8760 hr/yr (All Year)
EQT0509	RTF/Caustic Load - RTF/Caustic Loading at Light Ends Truck Rack		63000 gallons/hr	5250 gallons/hr		2000 hr/yr (All Year)
EQT0510	RTF/Diesel Engine - RTF Diesel Engine Rack		625 horsepower	625 horsepower		2000 hr/yr (All Year)
EQT0511	RTF/Diesel Load - RTF/Diesel Loading at Light Ends Truck Rack		18000 gallons/hr	2191 gallons/hr		2000 hr/yr (All Year)
EQT0512	RTF/MW - Refinery Tank Farm Catch Basins and Sewer Vents					8760 hr/yr (All Year)
EQT0513	DIST/TK0137 - DIST/TK0137					8760 hr/yr (All Year)
EQT0514	DIST/TK0138 - DIST/TK0138					8760 hr/yr (All Year)
EQT0515	KXFLD/TK0734 - KXFLD/TK0734					8760 hr/yr (All Year)
EQT0516	KXFLD/TK0743 - KXFLD/TK0743					8760 hr/yr (All Year)
EQT0517	KXFLD/TK0751 - KXFLD/TK0751					8760 hr/yr (All Year)
EQT0518	KXFLD/FLR-21 - # 21 Flare					8760 hr/yr (All Year)
FUG0010	RTF/FUG - Refinery Tank Complex Fugitive Emissions					8760 hr/yr (All Year)

**INVENTORIES**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Stack Information:							
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Entire Facility</b>							
EQ10315	DIST/TK0032 - DIST/TK0032			80		41.58	
EQ10316	DIST/TK0033 - DIST/TK0033			80		50	
EQ10317	DIST/TK0037 - DIST/TK0037			70		48	
EQ10318	DIST/TK0056 - DIST/TK0056			60		48	
EQ10319	DIST/TK0057 - DIST/TK0057			60		48	
EQ10320	DIST/TK0061 - DIST/TK0061			75		48	
EQ10322	DIST/TK0075 - DIST/TK0075			93		35	
EQ10323	DIST/TK0080 - DIST/TK0080			120		48	
EQ10324	DIST/TK0081 - DIST/TK0081			90		30	
EQ10325	DIST/TK0082 - DIST/TK0082			90		30	
EQ10326	DIST/TK0083 - DIST/TK0083			90		28	
EQ10327	DIST/TK0085 - DIST/TK0085			90		30	
EQ10328	DIST/TK0086 - DIST/TK0086			90		30	
EQ10329	DIST/TK0091 - DIST/TK0091			10		30	
EQ10330	DIST/TK0093 - DIST/TK0093			93		35	
EQ10331	DIST/TK0095 - DIST/TK0095			80		48	
EQ10332	DIST/TK0104 - DIST/TK0104			15		20	
EQ10333	DIST/TK0111 - DIST/TK0111			93		35	
EQ10334	DIST/TK0130 - DIST/TK0130			93		35	
EQ10335	DIST/TK0131 - DIST/TK0131			93		35	
EQ10338	DIST/TK0134 - DIST/TK0134			7		30	
EQ10339	DIST/TK0135 - DIST/TK0135			12		32	
EQ10340	DIST/TK0136 - DIST/TK0136			115		35	
EQ10341	DIST/TK0261 - DIST/TK0261			115		35	
EQ10342	DIST/TK0268 - DIST/TK0268			80		48	
EQ10343	DIST/TK0280 - DIST/TK0280			93		35	
EQ10344	DIST/TK0281 - DIST/TK0281			110		48	
EQ10345	DIST/TK0369 - DIST/TK0369			110		48	
EQ10346	DIST/TK0370 - DIST/TK0370			120		56	
EQ10347	DIST/TK0402 - DIST/TK0402			110		56	
EQ10348	DIST/TK0403 - DIST/TK0403			110		56	
EQ10349	DIST/TK0404 - DIST/TK0404			110		56	
EQ10350	DIST/TK0405 - DIST/TK0405			110		56	
EQ10351	DIST/TK0406 - DIST/TK0406			110		56	

**INVENTORIES**  
**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Entire Facility</b>							
EQT0352	DIST/TK0407 - DIST/TK0407			110		56	
EQT0353	DIST/TK0408 - DIST/TK0408			110		56	
EQT0354	DIST/TK0409 - DIST/TK0409			10		30	
EQT0356	DIST/TK0413 - DIST/TK0413			134		48	
EQT0357	DIST/TK0419 - DIST/TK0419			115		56	
EQT0358	DIST/TK0420 - DIST/TK0420			134		48	
EQT0359	DIST/TK0445 - DIST/TK0445			25		20	
EQT0360	DIST/TK0456 - DIST/TK0456			50		42	
EQT0361	DIST/TK0461 - DIST/TK0461			115		30	
EQT0362	DIST/TK0462 - DIST/TK0462			10		30	
EQT0363	DIST/TK0463 - DIST/TK0463			114		30	
EQT0364	DIST/TK0464 - DIST/TK0464			114		30	
EQT0365	DIST/TK0465 - DIST/TK0465			114		30	
EQT0366	DIST/TK0475 - DIST/TK0475			100		42	
EQT0367	DIST/TK0668 - DIST/TK0668			134		48	
EQT0368	DIST/TK0669X - DIST/TK0669X			134		48	
EQT0369	DIST/TK0670X - DIST/TK0670X			134		48	
EQT0370	DIST/TK0671X - DIST/TK0671X			134		48	
EQT0371	DIST/TK0905 - DIST/TK0905			50		36	
EQT0373	DIST/TK0934 - DIST/TK0934			15		24	
EQT0374	FEED/TK0024 - FEED/TK0024			120		45	
EQT0375	FEED/TK0065 - FEED/TK0065			60		35	
EQT0376	FEED/TK0066 - FEED/TK0066			60		34	
EQT0378	FEED/TK0097 - FEED/TK0097			93		35	
EQT0379	FEED/TK0098 - FEED/TK0098			93		35	
EQT0380	FEED/TK0099 - FEED/TK0099			90		46	
EQT0381	FEED/TK0100 - FEED/TK0100			90		46	
EQT0382	FEED/TK0101 - FEED/TK0101			90		48	
EQT0383	FEED/TK0105 - FEED/TK0105			93		35	
EQT0384	FEED/TK0106 - FEED/TK0106			93		35	
EQT0385	FEED/TK0108 - FEED/TK0108			93		35	
EQT0386	FEED/TK0109 - FEED/TK0109			93		35	
EQT0387	FEED/TK0176 - FEED/TK0176			115		35	
EQT0388	FEED/TK0177 - FEED/TK0177			115		35	

**INVENTORIES**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Stack Information:		Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
ID								
<b>Entire Facility</b>								
EQT0389	FEED/TK0178 - FEED/TK0178				115		35	
EQT0390	FEED/TK0179 - FEED/TK0179				115		35	
EQT0391	FEED/TK0181 - FEED/TK0181				115		35	
EQT0392	FEED/TK0182 - FEED/TK0182				134		48	
EQT0393	FEED/TK0183 - FEED/TK0183				134		48	
EQT0394	FEED/TK0184 - FEED/TK0184				115		35	
EQT0395	FEED/TK0185 - FEED/TK0185				115		35	
EQT0396	FEED/TK0187 - FEED/TK0187				115		35	
EQT0397	FEED/TK0188 - FEED/TK0188				96		48	
EQT0398	FEED/TK0189 - FEED/TK0189				115		35	
EQT0399	FEED/TK0190 - FEED/TK0190				115		35	
EQT0400	FEED/TK0192 - FEED/TK0192				115		35	
EQT0401	FEED/TK0193 - FEED/TK0193				115		35	
EQT0402	FEED/TK0194 - FEED/TK0194				115		35	
EQT0403	FEED/TK0195 - FEED/TK0195				115		35	
EQT0404	FEED/TK0196 - FEED/TK0196				115		35	
EQT0405	FEED/TK0197 - FEED/TK0197				115		30	
EQT0406	FEED/TK0263 - FEED/TK0263				115		30	
EQT0407	FEED/TK0264 - FEED/TK0264				115		30	
EQT0408	FEED/TK0271 - FEED/TK0271				115		35	
EQT0409	FEED/TK0272 - FEED/TK0272				115		36	
EQT0410	FEED/TK0273 - FEED/TK0273				115		35	
EQT0411	FEED/TK0274 - FEED/TK0274				115		35	
EQT0412	FEED/TK0275 - FEED/TK0275				115		35	
EQT0413	FEED/TK0276 - FEED/TK0276				115		35	
EQT0414	FEED/TK0277 - FEED/TK0277				115		35	
EQT0415	FEED/TK0278 - FEED/TK0278				93		35	
EQT0416	FEED/TK0283 - FEED/TK0283				93		35	
EQT0417	FEED/TK0284 - FEED/TK0284				160		55	
EQT0418	FEED/TK0300 - FEED/TK0300				110		48	
EQT0419	FEED/TK0371 - FEED/TK0371				110		48	
EQT0420	FEED/TK0372 - FEED/TK0372				110		48	
EQT0421	FEED/TK0395 - FEED/TK0395				110		48	
EQT0422	FEED/TK0457 - FEED/TK0457				60		48	

**INVENTORIES**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
 Permit Number: 2795-V3  
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Entire Facility</b>							
EQ10423	FEED/TK0460 - FEED/TK0460			60		35	
EQ10424	FEED/TK0474 - FEED/TK0474			60		36	
EQ10425	FEED/TK0476 - FEED/TK0476			70		48	
EQ10426	FEED/TK0477 - FEED/TK0477			70		48	
EQ10427	FEED/TK0612 - FEED/TK0612			134		48	
EQ10428	FEED/TK0613 - FEED/TK0613			134		48	
EQ10429	FEED/TK0615 - FEED/TK0615			134		48	
EQ10430	FEED/TK0616 - FEED/TK0616			134		48	
EQ10431	FEED/TK0754 - FEED/TK0754			115		42	
EQ10432	FEED/TK0757 - FEED/TK0757			114		23	
EQ10433	FEED/TK0758 - FEED/TK0758			120		36.5	
EQ10434	FEED/TK0759 - FEED/TK0759			120		35	
EQ10435	FEED/TK0760 - FEED/TK0760			115		30	
EQ10436	FEED/TK0761 - FEED/TK0761			115		30	
EQ10437	FEED/TK0762 - FEED/TK0762			115		30	
EQ10438	FEED/TK0763 - FEED/TK0763			114		23	
EQ10439	FEED/TK0764 - FEED/TK0764			115		30	
EQ10440	FEED/TK0765 - FEED/TK0765			120		42	
EQ10441	FEED/TK0767 - FEED/TK0767			115		30	
EQ10442	FEED/TK0770 - FEED/TK0770			134		48	
EQ10443	FEED/TK0772 - FEED/TK0772			120		42	
EQ10444	FEED/TK0774X - FEED/TK0774X			115		48	
EQ10445	FEED/TK0777 - FEED/TK0777			134		48	
EQ10446	FEED/TK0789 - FEED/TK0789			115		41	
EQ10447	FEED/TK0793 - FEED/TK0793			60		42	
EQ10448	FEED/TK0798 - FEED/TK0798			110		48	
EQ10449	FEED/TK0841 - FEED/TK0841			120		41	
EQ10450	FEED/TK0842 - FEED/TK0842			120		41	
EQ10451	FEED/TK0859 - FEED/TK0859			70		46	
EQ10453	KXFLD/TK0168 - KXFLD/TK0168			12		20	
EQ10454	KXFLD/TK0169 - KXFLD/TK0169			12		20	
EQ10455	KXFLD/TK0170 - KXFLD/TK0170			12		20	
EQ10456	KXFLD/TK0171 - KXFLD/TK0171			12		20	
EQ10457	KXFLD/TK0172 - KXFLD/TK0172			10		18	

**INVENTORIES**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**Stack Information:**

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Entire Facility</b>							
EQT0458	KXFLD/TK0173 - KXFLD/TK0173			10		18	
EQT0459	KXFLD/TK0198 - KXFLD/TK0198			105		55	
EQT0460	KXFLD/TK0199 - KXFLD/TK0199			105		55	
EQT0461	KXFLD/TK0655 - KXFLD/TK0655			40		36	
EQT0462	KXFLD/TK0698 - KXFLD/TK0698			90		48	
EQT0463	KXFLD/TK0700 - KXFLD/TK0700			30		35	
EQT0464	KXFLD/TK0701 - KXFLD/TK0701			90		48	
EQT0465	KXFLD/TK0702 - KXFLD/TK0702			90		48	
EQT0466	KXFLD/TK0703 - KXFLD/TK0703			90		48	
EQT0467	KXFLD/TK0708 - KXFLD/TK0708			95.5		32.7	
EQT0468	KXFLD/TK0710 - KXFLD/TK0710			96		30	
EQT0469	KXFLD/TK0720 - KXFLD/TK0720			134		48	
EQT0470	KXFLD/TK0722 - KXFLD/TK0722			120		40	
EQT0471	KXFLD/TK0724 - KXFLD/TK0724			120		40	
EQT0472	KXFLD/TK0725 - KXFLD/TK0725			120		40	
EQT0473	KXFLD/TK0726X - KXFLD/TK0726X			140		56	
EQT0474	KXFLD/TK0727 - KXFLD/TK0727			120		48	
EQT0475	KXFLD/TK0728 - KXFLD/TK0728			134		48	
EQT0476	KXFLD/TK0729 - KXFLD/TK0729			120		42	
EQT0477	KXFLD/TK0730 - KXFLD/TK0730			120		48	
EQT0478	KXFLD/TK0731 - KXFLD/TK0731			120		40	
EQT0479	KXFLD/TK0732 - KXFLD/TK0732			120		40	
EQT0480	KXFLD/TK0733 - KXFLD/TK0733			120		40	
EQT0481	KXFLD/TK0735X - KXFLD/TK0735X			140		56	
EQT0482	KXFLD/TK0737X - KXFLD/TK0737X			140		56	
EQT0483	KXFLD/TK0738 - KXFLD/TK0738			120		40	
EQT0484	KXFLD/TK0739X - KXFLD/TK0739X			140		56	
EQT0485	KXFLD/TK0740 - KXFLD/TK0740			120		40	
EQT0486	KXFLD/TK0741 - KXFLD/TK0741			120		40	
EQT0487	KXFLD/TK0742 - KXFLD/TK0742			134		48	
EQT0488	KXFLD/TK0745 - KXFLD/TK0745			120		40	
EQT0489	KXFLD/TK0746 - KXFLD/TK0746			120		40	
EQT0490	KXFLD/TK0748 - KXFLD/TK0748			120		40	
EQT0491	KXFLD/TK0750 - KXFLD/TK0750			70		48	

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**Stack Information:**

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Entire Facility</b>							
EQT0492	KXFLD/TK0753 - KXFLD/TK0753			90		48	
EQT0493	KXFLD/TK0766 - KXFLD/TK0766			120		42	
EQT0494	KXFLD/TK0773 - KXFLD/TK0773			120		42	
EQT0495	KXFLD/TK0776 - KXFLD/TK0776			115		48	
EQT0496	KXFLD/TK0778 - KXFLD/TK0778			134		48	
EQT0497	KXFLD/TK0779X - KXFLD/TK0779X			134		48	
EQT0498	KXFLD/TK0780 - KXFLD/TK0780			120		42	
EQT0499	KXFLD/TK0785 - KXFLD/TK0785			134		48	
EQT0500	KXFLD/TK0786 - KXFLD/TK0786			134		48	
EQT0501	KXFLD/TK0787 - KXFLD/TK0787			120		42	
EQT0502	KXFLD/TK0795 - KXFLD/TK0795			106		58	
EQT0503	KXFLD/TK0796 - KXFLD/TK0796			106		58	
EQT0504	KXFLD/TK0797 - KXFLD/TK0797			120		48	
EQT0505	KXFLD/TK0799 - KXFLD/TK0799			120		48	
EQT0506	KXFLD/TK0863 - KXFLD/TK0863			67		48	
EQT0507	KXFLD/TK0864 - KXFLD/TK0864			67		48	
EQT0508	KXFLD/TK0865 - KXFLD/TK0865			67		48	
EQT0509	RTF/Caustic Load - RTF/Caustic Loading at Light Ends Truck Rack						80
EQT0510	RTF/Diesel Engine - RTF Diesel Engine	139.1	4393	.67		14	828
EQT0511	RTF/Diesel Load - RTF/Diesel Loading at Light Ends Truck Rack						80
EQT0513	DIST/TK0137 - DIST/TK0137						
EQT0514	DIST/TK0138 - DIST/TK0138						
EQT0515	KXFLD/TK0734 - KXFLD/TK0734						
EQT0516	KXFLD/TK0743 - KXFLD/TK0743						
EQT0517	KXFLD/TK0751 - KXFLD/TK0751						

**Relationships:**

**Subject Item Groups:**

ID	Group Type	Group Description
CRG0001	Common Requirements Group	CRG01 - Common Requirements Group
CRG0002	Common Requirements Group	CRG02 - Common Requirements Group
CRG0003	Common Requirements Group	CRG03 - Common Requirements Group
CRG0004	Common Requirements Group	CRG04 - Common Requirements Group

**INVENTORIES**

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**Subject Item Groups:**

ID	Group Type	Group Description
CRG0005	Common Requirements Group	CRG05 - Common Requirements Group
CRG0006	Common Requirements Group	CRG06 - Common Requirements Group
CRG0007	Common Requirements Group	CRG07 - Common Requirements Group
CRG0008	Common Requirements Group	CRG08 - Common Requirements Group
CRG0009	Common Requirements Group	CRG09 - Common Requirements Group
CRG0010	Common Requirements Group	CRG10 - Common Requirements Group
CRG0011	Common Requirements Group	CRG11 - Common Requirements Group
CRG0012	Common Requirements Group	CRG12 - Common Requirements Group
CRG0013	Common Requirements Group	CRG13 - Common Requirements Group
CRG0014	Common Requirements Group	CRG14 - Common Requirements Group
CRG0016	Common Requirements Group	CRG16 - Common Requirements Group
CRG0017	Common Requirements Group	CRG17 - Common Requirements Group
GRP0081	Equipment Group	RTF/BLUFF - Refinery Tank Cap - Bluff Field
GRP0082	Equipment Group	RTF/EAST N - Refinery Tank Cap - East Area North Field
GRP0083	Equipment Group	RTF/EAST S - Refinery Tank Cap - East Area South Field
GRP0084	Equipment Group	RTF/KNOX - Refinery Tank Cap - Knox Field
GRP0085	Equipment Group	RTF/SOUTH - Refinery Tank Cap - South Field
UNF0002	Unit or Facility Wide	UNF - Entire Facility

**Group Membership:**

ID	Description	Member of Groups
CRG0002	CRG02 - Common Requirements Group	CRG00000000001
CRG0003	CRG03 - Common Requirements Group	CRG00000000001
CRG0004	CRG04 - Common Requirements Group	CRG00000000001
CRG0005	CRG05 - Common Requirements Group	CRG00000000001
CRG0006	CRG06 - Common Requirements Group	CRG00000000001
CRG0007	CRG07 - Common Requirements Group	CRG00000000001
CRG0008	CRG08 - Common Requirements Group	CRG00000000001
CRG0009	CRG09 - Common Requirements Group	CRG00000000001
CRG0010	CRG10 - Common Requirements Group	CRG00000000001
CRG0011	CRG11 - Common Requirements Group	CRG00000000001
CRG0012	CRG12 - Common Requirements Group	CRG00000000001
CRG0013	CRG13 - Common Requirements Group	CRG00000000001
CRG0014	CRG14 - Common Requirements Group	CRG00000000001
CRG0016	CRG16 - Common Requirements Group	CRG00000000001
CRG0017	CRG17 - Common Requirements Group	CRG00000000001
EQT0315	DIST/TK0032 - DIST/TK0032	CRG00000000001, GRP00000000085
EQT0316	DIST/TK0033 - DIST/TK0033	CRG00000000001, CRG00000000002, GRP00000000085
EQT0317	DIST/TK0037 - DIST/TK0037	CRG00000000001, CRG00000000003, GRP00000000085
EQT0318	DIST/TK0056 - DIST/TK0056	CRG00000000001, CRG00000000003, GRP00000000085

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Group Membership:	ID	Description	Member of Groups
	EQ10319	DIST/TK0057 - DIST/TK0057	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10320	DIST/TK0061 - DIST/TK0061	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10322	DIST/TK0075 - DIST/TK0075	CRG0000000001, GRP00000000085
	EQ10323	DIST/TK0080 - DIST/TK0080	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10324	DIST/TK0081 - DIST/TK0081	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10325	DIST/TK0082 - DIST/TK0082	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10326	DIST/TK0083 - DIST/TK0083	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10327	DIST/TK0085 - DIST/TK0085	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10328	DIST/TK0086 - DIST/TK0086	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10329	DIST/TK0091 - DIST/TK0091	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10330	DIST/TK0093 - DIST/TK0093	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10331	DIST/TK0095 - DIST/TK0095	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10332	DIST/TK0104 - DIST/TK0104	CRG0000000001, GRP00000000085
	EQ10333	DIST/TK0111 - DIST/TK0111	CRG0000000001, CRG0000000004, GRP00000000085
	EQ10334	DIST/TK0130 - DIST/TK0130	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10335	DIST/TK0131 - DIST/TK0131	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10338	DIST/TK0134 - DIST/TK0134	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10339	DIST/TK0136 - DIST/TK0136	CRG0000000001, GRP00000000081
	EQ10340	DIST/TK0261 - DIST/TK0261	CRG0000000001, GRP00000000081
	EQ10341	DIST/TK0268 - DIST/TK0268	CRG0000000001, CRG0000000011, GRP00000000085
	EQ10342	DIST/TK0280 - DIST/TK0280	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10343	DIST/TK0280 - DIST/TK0280	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10344	DIST/TK0281 - DIST/TK0281	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10345	DIST/TK0369 - DIST/TK0369	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10346	DIST/TK0370 - DIST/TK0370	CRG0000000001, GRP00000000085
	EQ10347	DIST/TK0402 - DIST/TK0402	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10348	DIST/TK0403 - DIST/TK0403	CRG0000000001, CRG0000000006, GRP00000000085
	EQ10349	DIST/TK0404 - DIST/TK0404	CRG0000000001, CRG0000000006, GRP00000000085
	EQ10350	DIST/TK0405 - DIST/TK0405	CRG0000000016, GRP00000000085
	EQ10351	DIST/TK0406 - DIST/TK0406	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10352	DIST/TK0407 - DIST/TK0407	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10353	DIST/TK0408 - DIST/TK0408	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10354	DIST/TK0409 - DIST/TK0409	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10355	DIST/TK0413 - DIST/TK0413	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10357	DIST/TK0419 - DIST/TK0419	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10358	DIST/TK0420 - DIST/TK0420	CRG0000000001, GRP00000000085
	EQ10359	DIST/TK0445 - DIST/TK0445	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10360	DIST/TK0456 - DIST/TK0456	CRG0000000001, CRG0000000005, GRP00000000085
	EQ10361	DIST/TK0461 - DIST/TK0461	CRG0000000001, CRG0000000004, GRP00000000085
	EQ10362	DIST/TK0462 - DIST/TK0462	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10363	DIST/TK0463 - DIST/TK0463	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10364	DIST/TK0464 - DIST/TK0464	CRG0000000001, CRG0000000003, GRP00000000085
	EQ10365	DIST/TK0465 - DIST/TK0465	CRG0000000001, CRG0000000003, GRP00000000085

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**Group Memberships:**

ID	Description	Member of Groups
EQ10366	DIST/TK0475 - DIST/TK0475	CRG0000000001, CRG0000000009, GRP00000000085
EQ10367	DIST/TK0668 - DIST/TK0668	CRG0000000001, CRG0000000003, GRP00000000081
EQ10368	DIST/TK0669X - DIST/TK0669X	CRG0000000001, CRG0000000010, GRP00000000081
EQ10369	DIST/TK0670X - DIST/TK0670X	CRG0000000001, CRG0000000010, GRP00000000081
EQ10370	DIST/TK0671X - DIST/TK0671X	CRG0000000001, CRG0000000010, GRP00000000081
EQ10371	DIST/TK0905 - DIST/TK0905	CRG0000000001, CRG0000000003, GRP00000000085
EQ10373	DIST/TK0934 - DIST/TK0934	CRG0000000001, CRG0000000010, GRP00000000081
EQ10374	FEED/TK0024 - FEED/TK0024	CRG0000000001, CRG0000000004, GRP00000000085
EQ10375	FEED/TK0065 - FEED/TK0065	CRG0000000001, CRG0000000003, GRP00000000085
EQ10376	FEED/TK0066 - FEED/TK0066	CRG0000000001, CRG0000000003, GRP00000000085
EQ10378	FEED/TK0097 - FEED/TK0097	CRG0000000001, CRG0000000011, GRP00000000085
EQ10379	FEED/TK0098 - FEED/TK0098	CRG0000000001, CRG0000000003, GRP00000000085
EQ10380	FEED/TK0099 - FEED/TK0099	CRG0000000001, CRG0000000011, GRP00000000085
EQ10381	FEED/TK0100 - FEED/TK0100	CRG0000000001, CRG0000000011, GRP00000000085
EQ10382	FEED/TK0101 - FEED/TK0101	CRG0000000001, CRG0000000011, GRP00000000085
EQ10383	FEED/TK0105 - FEED/TK0105	CRG0000000001, CRG0000000011, GRP00000000085
EQ10384	FEED/TK0106 - FEED/TK0106	CRG0000000001, GRP00000000083
EQ10385	FEED/TK0108 - FEED/TK0108	CRG0000000001, CRG0000000003, GRP00000000083
EQ10386	FEED/TK0109 - FEED/TK0109	CRG0000000001, GRP00000000083
EQ10387	FEED/TK0176 - FEED/TK0176	CRG0000000001, CRG0000000003, GRP00000000083
EQ10388	FEED/TK0177 - FEED/TK0177	CRG0000000001, CRG0000000003, GRP00000000083
EQ10389	FEED/TK0178 - FEED/TK0178	CRG0000000001, CRG0000000003, GRP00000000083
EQ10390	FEED/TK0179 - FEED/TK0179	CRG0000000001, CRG0000000003, GRP00000000083
EQ10391	FEED/TK0181 - FEED/TK0181	CRG0000000001, CRG0000000010, GRP00000000083
EQ10392	FEED/TK0182 - FEED/TK0182	CRG0000000001, CRG0000000003, GRP00000000083
EQ10393	FEED/TK0184 - FEED/TK0184	CRG0000000001, CRG0000000003, GRP00000000083
EQ10394	FEED/TK0183 - FEED/TK0183	CRG0000000001, GRP00000000083
EQ10395	FEED/TK0185 - FEED/TK0185	CRG0000000001, CRG0000000003, GRP00000000083
EQ10396	FEED/TK0187 - FEED/TK0187	CRG0000000001, GRP00000000083
EQ10397	FEED/TK0188 - FEED/TK0188	CRG0000000001, GRP00000000083
EQ10398	FEED/TK0189 - FEED/TK0189	CRG0000000001, GRP00000000083
EQ10399	FEED/TK0190 - FEED/TK0190	CRG0000000001, GRP00000000083
EQ10400	FEED/TK0192 - FEED/TK0192	CRG0000000001, GRP00000000083
EQ10401	FEED/TK0193 - FEED/TK0193	CRG0000000001, CRG0000000012, GRP00000000083
EQ10402	FEED/TK0194 - FEED/TK0194	CRG0000000001, CRG0000000016, GRP00000000083
EQ10403	FEED/TK0195 - FEED/TK0195	CRG0000000001, GRP00000000083
EQ10404	FEED/TK0196 - FEED/TK0196	CRG0000000001, GRP00000000083
EQ10405	FEED/TK0197 - FEED/TK0197	CRG0000000001, GRP00000000083
EQ10406	FEED/TK0263 - FEED/TK0263	CRG0000000001, CRG0000000003, GRP00000000083
EQ10407	FEED/TK0264 - FEED/TK0264	CRG0000000001, CRG0000000003, GRP00000000083
EQ10408	FEED/TK0271 - FEED/TK0271	CRG0000000001, CRG0000000003, GRP00000000083
EQ10409	FEED/TK0272 - FEED/TK0272	CRG0000000001, GRP00000000083
EQ10410	FEED/TK0273 - FEED/TK0273	CRG0000000001, CRG0000000003, GRP00000000083

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Group Membership:	ID	Description	Member of Groups
	EQ10411	FEED/TK0274 - FEED/TK0274	CRG0000000001, CRG0000000003, GRP0000000083
	EQ10412	FEED/TK0275 - FEED/TK0275	CRG0000000001, CRG0000000003, GRP0000000083
	EQ10413	FEED/TK0276 - FEED/TK0276	CRG0000000001, CRG0000000003, GRP0000000083
	EQ10414	FEED/TK0277 - FEED/TK0277	CRG0000000001, CRG0000000003, GRP0000000083
	EQ10415	FEED/TK0278 - FEED/TK0278	CRG0000000001, CRG0000000003, GRP0000000083
	EQ10416	FEED/TK0283 - FEED/TK0283	CRG0000000001, CRG0000000003, GRP0000000085
	EQ10417	FEED/TK0284 - FEED/TK0284	CRG0000000001, CRG0000000010, GRP0000000085
	EQ10418	FEED/TK0300 - FEED/TK0300	CRG0000000001, GRP0000000083
	EQ10419	FEED/TK0371 - FEED/TK0371	CRG0000000001, CRG0000000003, GRP0000000083
	EQ10420	FEED/TK0372 - FEED/TK0372	CRG0000000001, CRG0000000009, GRP0000000083
	EQ10421	FEED/TK0395 - FEED/TK0395	CRG0000000001, CRG0000000003, GRP0000000085
	EQ10422	FEED/TK0457 - FEED/TK0457	CRG0000000001, CRG0000000013, GRP0000000085
	EQ10423	FEED/TK0460 - FEED/TK0460	CRG0000000001, GRP0000000085
	EQ10424	FEED/TK0474 - FEED/TK0474	CRG0000000001, CRG0000000013, GRP0000000085
	EQ10425	FEED/TK0476 - FEED/TK0476	CRG0000000001, CRG0000000013, GRP0000000085
	EQ10426	FEED/TK0477 - FEED/TK0477	CRG0000000001, CRG0000000003, GRP0000000081
	EQ10427	FEED/TK0612 - FEED/TK0612	CRG0000000001, CRG0000000003, GRP0000000081
	EQ10428	FEED/TK0613 - FEED/TK0613	CRG0000000001, CRG0000000003, GRP0000000081
	EQ10429	FEED/TK0615 - FEED/TK0615	CRG0000000001, CRG0000000003, GRP0000000081
	EQ10430	FEED/TK0616 - FEED/TK0616	CRG0000000001, CRG0000000003, GRP0000000081
	EQ10431	FEED/TK0754 - FEED/TK0754	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10432	FEED/TK0757 - FEED/TK0757	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10433	FEED/TK0758 - FEED/TK0758	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10434	FEED/TK0759 - FEED/TK0759	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10435	FEED/TK0760 - FEED/TK0760	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10436	FEED/TK0761 - FEED/TK0761	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10437	FEED/TK0762 - FEED/TK0762	CRG0000000010, GRP0000000082
	EQ10438	FEED/TK0763 - FEED/TK0763	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10439	FEED/TK0764 - FEED/TK0764	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10440	FEED/TK0765 - FEED/TK0765	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10441	FEED/TK0767 - FEED/TK0767	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10442	FEED/TK0770 - FEED/TK0770	CRG0000000001, CRG0000000006, GRP0000000082
	EQ10443	FEED/TK0772 - FEED/TK0772	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10444	FEED/TK0774X - FEED/TK0774X	CRG0000000001, CRG0000000010, GRP0000000082
	EQ10445	FEED/TK0777 - FEED/TK0777	CRG0000000001, CRG0000000012, GRP0000000082
	EQ10446	FEED/TK0789 - FEED/TK0789	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10447	FEED/TK0793 - FEED/TK0793	CRG0000000001, CRG0000000009, GRP0000000082
	EQ10448	FEED/TK0798 - FEED/TK0798	CRG0000000001, GRP0000000082
	EQ10449	FEED/TK0841 - FEED/TK0841	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10450	FEED/TK0842 - FEED/TK0842	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10451	FEED/TK0859 - FEED/TK0859	CRG0000000001, CRG0000000003, GRP0000000082
	EQ10453	KXFLD/TK0168 - KXFLD/TK0168	CRG0000000001, CRG0000000003, GRP0000000084
	EQ10454	KXFLD/TK0169 - KXFLD/TK0169	CRG0000000001, CRG0000000003, GRP0000000084

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**Group Membership:**

ID	Description	Member of Groups
EQ10455	KXFLD/TK0170 - KXFLD/TK0170	CRG0000000001, CRG0000000004, GRP0000000084
EQ10456	KXFLD/TK0171 - KXFLD/TK0171	CRG0000000001, CRG0000000004, GRP0000000084
EQ10457	KXFLD/TK0172 - KXFLD/TK0172	CRG0000000001, CRG0000000017, GRP0000000084
EQ10458	KXFLD/TK0173 - KXFLD/TK0173	CRG0000000001, CRG0000000017, GRP0000000084
EQ10459	KXFLD/TK0198 - KXFLD/TK0198	CRG0000000001, CRG0000000008, GRP0000000082
EQ10460	KXFLD/TK0199 - KXFLD/TK0199	CRG0000000001, CRG0000000008, GRP0000000082
EQ10461	KXFLD/TK0655 - KXFLD/TK0655	CRG0000000001, GRP0000000084
EQ10462	KXFLD/TK0698 - KXFLD/TK0698	CRG0000000001, CRG0000000006, GRP0000000084
EQ10463	KXFLD/TK0700 - KXFLD/TK0700	CRG0000000001, GRP0000000084
EQ10464	KXFLD/TK0701 - KXFLD/TK0701	CRG0000000001, GRP0000000084
EQ10465	KXFLD/TK0702 - KXFLD/TK0702	CRG0000000001, CRG0000000006, GRP0000000084
EQ10466	KXFLD/TK0703 - KXFLD/TK0703	CRG0000000001, GRP0000000084
EQ10467	KXFLD/TK0708 - KXFLD/TK0708	CRG0000000001, CRG0000000006, GRP0000000084
EQ10468	KXFLD/TK0710 - KXFLD/TK0710	CRG0000000001, GRP0000000084
EQ10469	KXFLD/TK0720 - KXFLD/TK0720	CRG0000000001, GRP0000000084
EQ10470	KXFLD/TK0722 - KXFLD/TK0722	CRG0000000001, CRG0000000012, GRP0000000084
EQ10471	KXFLD/TK0724 - KXFLD/TK0724	CRG0000000001, CRG0000000006, GRP0000000084
EQ10472	KXFLD/TK0725 - KXFLD/TK0725	CRG0000000001, CRG0000000006, GRP0000000084
EQ10473	KXFLD/TK0726X - KXFLD/TK0726X	CRG0000000001, GRP0000000084
EQ10474	KXFLD/TK0727 - KXFLD/TK0727	CRG0000000001, CRG0000000006, GRP0000000084
EQ10475	KXFLD/TK0728 - KXFLD/TK0728	CRG0000000001, CRG0000000006, GRP0000000084
EQ10476	KXFLD/TK0729 - KXFLD/TK0729	CRG0000000001, CRG0000000006, GRP0000000084
EQ10477	KXFLD/TK0730 - KXFLD/TK0730	CRG0000000001, CRG0000000006, GRP0000000084
EQ10478	KXFLD/TK0731 - KXFLD/TK0731	CRG0000000001, CRG0000000006, GRP0000000084
EQ10479	KXFLD/TK0732 - KXFLD/TK0732	CRG0000000001, CRG0000000012, GRP0000000084
EQ10480	KXFLD/TK0733 - KXFLD/TK0733	CRG0000000001, GRP0000000084
EQ10481	KXFLD/TK0735X - KXFLD/TK0735X	CRG0000000001, GRP0000000084
EQ10482	KXFLD/TK0737X - KXFLD/TK0737X	CRG0000000001, GRP0000000084
EQ10483	KXFLD/TK0738 - KXFLD/TK0738	CRG0000000001, GRP0000000084
EQ10484	KXFLD/TK0739X - KXFLD/TK0739X	CRG0000000001, GRP0000000084
EQ10485	KXFLD/TK0740 - KXFLD/TK0740	CRG0000000001, CRG0000000006, GRP0000000084
EQ10486	KXFLD/TK0741 - KXFLD/TK0741	CRG0000000001, CRG0000000002, GRP0000000084
EQ10487	KXFLD/TK0742 - KXFLD/TK0742	CRG0000000001, CRG0000000006, GRP0000000084
EQ10488	KXFLD/TK0745 - KXFLD/TK0745	CRG0000000001, CRG0000000006, GRP0000000084
EQ10489	KXFLD/TK0746 - KXFLD/TK0746	CRG0000000001, CRG0000000006, GRP0000000084
EQ10490	KXFLD/TK0748 - KXFLD/TK0748	CRG0000000001, CRG0000000006, GRP0000000084
EQ10491	KXFLD/TK0750 - KXFLD/TK0750	CRG0000000001, CRG0000000012, GRP0000000082
EQ10492	KXFLD/TK0753 - KXFLD/TK0753	CRG0000000001, CRG0000000006, GRP0000000084
EQ10493	KXFLD/TK0766 - KXFLD/TK0766	CRG0000000001, CRG0000000016, GRP0000000082
EQ10494	KXFLD/TK0773 - KXFLD/TK0773	CRG0000000001, CRG0000000006, GRP0000000082
EQ10495	KXFLD/TK0776 - KXFLD/TK0776	CRG0000000001, CRG0000000006, GRP0000000082
EQ10496	KXFLD/TK0778 - KXFLD/TK0778	CRG0000000001, CRG0000000006, GRP0000000082
EQ10497	KXFLD/TK0779X - KXFLD/TK0779X	CRG0000000001, GRP0000000082

**INVENTORIES**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
 Permit Number: 2795-V3  
 Air - Title V Regular Permit Minor Mod

**Group Membership:**

ID	Description	Member of Groups
EQ10498	KXFLD/TK0780 - KXFLD/TK0780	CRG0000000001, CRG0000000006, GRP00000000082
EQ10499	KXFLD/TK0785 - KXFLD/TK0785	CRG0000000001, CRG0000000006, GRP00000000082
EQ10500	KXFLD/TK0786 - KXFLD/TK0786	CRG0000000001, CRG0000000006, GRP00000000082
EQ10501	KXFLD/TK0787 - KXFLD/TK0787	CRG0000000001, CRG0000000002, GRP00000000084
EQ10502	KXFLD/TK0795 - KXFLD/TK0795	CRG0000000001, CRG0000000008, GRP00000000084
EQ10503	KXFLD/TK0796 - KXFLD/TK0796	CRG0000000001, CRG0000000002, GRP00000000084
EQ10504	KXFLD/TK0797 - KXFLD/TK0797	CRG0000000001, CRG0000000006, GRP00000000084
EQ10505	KXFLD/TK0799 - KXFLD/TK0799	CRG0000000001
EQ10506	KXFLD/TK0863 - KXFLD/TK0863	CRG0000000001, CRG0000000006, GRP00000000082
EQ10507	KXFLD/TK0864 - KXFLD/TK0864	CRG0000000001, CRG0000000006, GRP00000000082
EQ10508	KXFLD/TK0865 - KXFLD/TK0865	CRG0000000001
EQ10509	RTF/Caustic Load - RTF/Caustic Loading at Light Ends Truck Rack	CRG0000000001
EQ10510	RTF/Diesel Engine - RTF Diesel Engine	CRG0000000001
EQ10511	RTF/Diesel Load - RTF/Diesel Loading at Light Ends Truck Rack	CRG0000000001
EQ10512	RTF/MW - Refinery Tank Farm Catch Basins and Sewer Vents	CRG0000000001
EQ10513	DIST/TK0137 - DIST/TK0137	CRG0000000001, CRG0000000007
EQ10514	DIST/TK0138 - DIST/TK0138	CRG0000000001, CRG0000000014
EQ10515	KXFLD/TK0734 - KXFLD/TK0734	CRG0000000001, CRG0000000014
EQ10516	KXFLD/TK0743 - KXFLD/TK0743	CRG0000000001, CRG0000000014
EQ10517	KXFLD/TK0751 - KXFLD/TK0751	CRG0000000001, CRG0000000014
EQ10518	KXFLD/FLR-21 - # 21 Flare	CRG0000000001
FUG0010	RTF/FUG - Refinery Tank Complex Fugitive Emissions	CRG0000000001
GRP0081	RTF/BLUFF - Refinery Tank Cap - Bluff Field	CRG0000000001
GRP0082	RTF/EAST N - Refinery Tank Cap - East Area North Field	CRG0000000001
GRP0083	RTF/EAST S - Refinery Tank Cap - East Area South Field	CRG0000000001
GRP0084	RTF/KNOX - Refinery Tank Cap - Knox Field	CRG0000000001
GRP0085	RTF/SOUTH - Refinery Tank Cap - South Field	CRG0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

SIC Codes:	2911	Petroleum refining	AI2638
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**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**  
**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQ1 0509 RTF/Caustic Load	Benzene	0.002	0.01	0.01
	Hydrogen sulfide	0.01	0.05	0.03
	Naphthalene	0.002	0.002	0.01
	Toluene	0.002	0.002	0.01
EQ1 0511 RTF/Diesel Load	Benzene	0.002	0.002	0.01
	Biphenyl	0.002	0.002	0.01
	Cresol	0.002	0.002	0.01
	Cumene	0.002	0.002	0.01
	Ethyl benzene	0.002	0.002	0.01
	Naphthalene	0.002	0.002	0.01
	Polynuclear Aromatic Hydrocar	0.002	0.002	0.01
	Styrene	0.002	0.002	0.01
	Toluene	0.002	0.002	0.01
	Xylene (mixed isomers)	0.002	0.002	0.01
	n-Hexane	0.002	0.002	0.01
	1,2-Dibromoethane	0.002		0.01
	1,3-Butadiene	0.002		0.01
	2,2,4-Trimethylpentane	0.08		0.37
Acrylamide	0.002		0.01	
EQ1 0512 RTF/WW	Benzene	0.03		0.11
	Biphenyl	0.002		0.01
	Cresol	0.002		0.01
	Cumene	0.002		0.01
	Ethyl benzene	0.03		0.12
	Hydrogen sulfide	0.002		0.01
	Methanol	0.002		0.01
	Methyl Tertiary Butyl Ether	0.002		0.01
	Methyl ethyl ketone	0.002		0.01
	Methyl isobutyl ketone	0.002		0.01
	Naphthalene	0.005		0.02
	Phenol	0.002		0.01
	Quinoline	0.002		0.01
	Styrene	0.002		0.01
	Toluene	0.10		0.45

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**

**Activity Number: PER20070008**

**Permit Number: 2795-V3**

**Air - Title V Regular Permit Minor Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0512 RTFAWW	Xylene (mixed isomers)	0.14		0.62
	n-Hexane	0.09		0.40
FUG 0010 RTFFUG	1,2-Dibromoethane	0.002		0.01
	1,3-Butadiene	0.002		0.01
	2,2,4-Trimethylpentane	1.92		8.43
	Acrylamide	0.002		0.01
	Benzene	0.46		2.02
	Biphenyl	0.02		0.10
	Cresol	0.005		0.02
	Cumene	0.03		0.13
	Ethyl benzene	0.62		2.73
	Hydrogen sulfide	0.002		0.01
	Methanol	0.62		2.71
	Methyl Tertiary Butyl Ether	0.18		0.78
	Methyl ethyl ketone	0.002		0.01
	Methyl isobutyl ketone	0.002		0.01
	Naphthalene	0.23		1.00
	Phenol	0.002		0.01
	Quinoline	0.002		0.01
	GRP 0081 RTFB/LUFF	Styrene	0.09	
Toluene		4.74		20.78
Xylene (mixed isomers)		3.11		13.62
n-Hexane		1.02		4.45
Benzene		0.38		1.64
Biphenyl		0.002		0.01
Cresol		0.002		0.01
Cumene		0.02		0.08
Ethyl benzene		0.41		1.80
Naphthalene		2.78		12.19
Polynuclear Aromatic Hydrocar		0.09		0.41
Styrene		0.002		0.01
Toluene	0.86		3.77	
Xylene (mixed isomers)	0.72		3.17	
n-Hexane	0.59		2.59	

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070008

Permit Number: 2795-V3

Air - Title V Regular Permit Minor Mod

Emission Pt.  
GRP 0082  
R1/EAST N

Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
1,2-Dibromoethane	0.002		0.01
1,3-Butadiene	0.01		0.06
2,2,4-Trimethylpentane	1.26		5.51
Acrylamide	0.002		0.01
Benzene	0.32		1.42
Biphenyl	0.002		0.01
Cresol	0.002		0.01
Cumene	0.002		0.01
Ethyl benzene	0.05		0.20
Hydrogen sulfide	0.09		0.38
Methanol	0.005		0.02
Methyl Tertiary Butyl Ether	0.48		2.10
Methyl ethyl ketone	0.002		0.01
Naphthalene	0.20		0.87
Phenol	0.002		0.01
Polynuclear Aromatic Hydrocar	0.002		0.01
Quinoline	0.002		0.01
Styrene	0.002		0.01
Toluene	0.54		2.35
Xylene (mixed isomers)	0.16		0.71
n-Hexane	0.71		3.09
2,2,4-Trimethylpentane	0.01		0.05
Acrylamide	0.002		0.01
Benzene	0.02		0.09
Biphenyl	0.002		0.01
Cresol	0.002		0.01
Cumene	0.002		0.01
Ethyl benzene	0.002		0.01
Methyl Tertiary Butyl Ether	0.002		0.01
Naphthalene	2.08		9.11
Phenol	0.002		0.01
Polynuclear Aromatic Hydrocar	0.08		0.36
Styrene	0.002		0.01
Toluene	0.04		0.18

GRP 0083  
R1/EAST S

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070008

Permit Number: 2795-V3

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0083 RTF/EAST 5	Xylene (mixed isomers)	0.002		0.01
	n-Hexane	0.05		0.23
GRP 0084 RTF/KNOX	1,3-Butadiene	0.04		0.19
	2,2,4-Trimethylpentane	3.58		15.66
	Acrylamide	0.002		0.01
	Benzene	0.95		4.16
	Biphenyl	0.002		0.01
	Cresol	0.002		0.01
	Cumene	0.01		0.03
	Ethyl benzene	0.16		0.68
	Hydrogen sulfide	0.61		2.67
	Methyl Tertiary Butyl Ether	0.07		0.30
	Methyl ethyl ketone	0.002		0.01
	Naphthalene	0.002		0.01
	Phenol	0.002		0.01
	Polynuclear Aromatic Hydrocar	0.002		0.01
	Quinoline	0.002		0.01
	Styrene	0.01		0.02
	Toluene	1.53		6.70
GRP 0085 RTF/SOUTH	Xylene (mixed isomers)	0.55		2.43
	n-Hexane	0.93		4.07
	2,2,4-Trimethylpentane	0.04		0.16
	Acrylamide	0.002		0.01
	Benzene	1.16		5.10
	Biphenyl	0.002		0.01
	Cresol	0.01		0.05
	Cumene	0.04		0.17
	Ethyl benzene	0.82		3.58
	Hydrogen sulfide	0.02		0.09
	Methanol	0.38		1.65
	Methyl Tertiary Butyl Ether	0.01		0.02
	Methyl ethyl ketone	0.002		0.01
Methyl isobutyl ketone	0.002		0.01	
Naphthalene	0.60		2.64	

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070008

Permit Number: 2795-V3

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0085 R1H/SOUTH	Phenol	0.002		0.01
	Polynuclear Aromatic Hydrocar	0.002		0.01
	Quinoline	0.002		0.01
	Styrene	0.01		0.04
	Toluene	2.12		9.30
	Xylene (mixed isomers)	1.59		6.94
UNF 0002 UNF	n-Hexane	3.70		16.20
	1,2-Dibromoethane			0.03
	1,3-Butadiene			0.27
	2,2,4-Trimethylpentane			30.18
	Acrylamide			0.06
	Benzene			14.56
	Biphenyl			0.17
	Cresol			0.13
	Cumene			0.45
	Ethyl benzene			9.13
	Hydrogen sulfide			3.19
	Methanol			4.39
	Methyl Tertiary Butyl Ether			3.22
	Methyl ethyl ketone			0.05
	Methyl isobutyl ketone			0.03
	Naphthalene			25.86
	Phenol			0.06
	Polynuclear Aromatic Hydrocar			0.81
	Quinoline			0.05
	Styrene			0.51
Toluene			43.55	
Xylene (mixed isomers)			27.51	
n-Hexane			31.04	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**CRG0001 032, 075, 104, 189, 196, 272, 726X, 735X, 737X, 738, 739X, and 779X**

Group Members: EQT0315 EQT0322 EQT0332 EQT0404 EQT0409 EQT0473 EQT0481 EQT0482 EQT0483 EQT0484 EQT0497

- 1 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with 1) a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank; or 2) two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous; or 3) a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)]
- 2 [40 CFR 60.112b(a)(1)(ii)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 3 [40 CFR 60.112b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]  
Which Months: All Year Statistical Basis: None specified  
If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 4 [40 CFR 60.113b(a)(1)]
- 5 [40 CFR 60.113b(a)(4)]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**CRG0001 032, 075, 104, 189, 196, 272, 726X, 735X, 737X, 738, 739X, and 779X**

- 6 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 7 [40 CFR 60.113b(a)(5)] Which Months: All Year Statistical Basis: None specified  
 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]  
 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 8 [40 CFR 60.115b(a)(1)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 9 [40 CFR 60.115b(a)(2)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 11 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 12 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 13 [40 CFR 63.640(n)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 63.640(n)(1), 40 CFR 60.112b(a)(1)]
- 14 [LAC 33:III.2103.B] Equip with a submerged fill pipe.

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**CRG0001 032, 075, 104, 189, 196, 272, 726X, 735X, 737X, 738, 739X, and 779X**

- 15 [LAC 33:III.2.103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 16 [LAC 33:III.2.103.J] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2.103.I.1 - 7, as applicable.
- 17 [LAC 33:III.5.109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**CRG0002 033, 741, 746, 787, and 797**

**Group Members: EQT0316 EQT0486 EQT0501 EQT0504**

- 18 [40 CFR 63.646(a)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.646(a), 40 CFR 63.119(c)]  
Equip with a submerged fill pipe.
- 19 [LAC 33:III.2.103.B] Seal closure devices required in LAC 33:III.2.103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 20 [LAC 33:III.2.103.D.2.a] Seal closure devices required in LAC 33:III.2.103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 22 [LAC 33:III.2.103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
Which Months: All Year Statistical Basis: None specified  
Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 23 [LAC 33:III.2.103.D.2.d] Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2.103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2.103.D.2.
- 24 [LAC 33:III.2.103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2.103. Complete repairs within three months of the ordering of the repair parts.
- 25 [LAC 33:III.2.103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
Which Months: All Year Statistical Basis: None specified  
Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.
- 26 [LAC 33:III.2.103.D.2.e] Which Months: All Year Statistical Basis: None specified  
Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.
- 27 [LAC 33:III.2.103.D.2.e] Which Months: All Year Statistical Basis: None specified  
Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**CRG0002 033, 741, 746, 787, and 797**

- 30 [LAC 33:III.2.103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 31 [LAC 33:III.2.103.D.4.a] Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 32 [LAC 33:III.2.103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2.103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.
- 33 [LAC 33:III.2.103.D.4.d] Which Months: All Year Statistical Basis: None specified
- 34 [LAC 33:III.2.103.D.4.d] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2.103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 35 [LAC 33:III.2.103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2.103.C.1.a and b.
- 36 [LAC 33:III.2.103.H.1] Determine compliance with LAC 33:III.2.103.D.2 and 4 using the methods in LAC 33:III.2.103.H.1.
- 37 [LAC 33:III.2.103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2.103.I.1 - 7, as applicable.
- 38 [LAC 33:III.5.109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5.109.A, LAC 33:III.2.103.D.4]

**CRG0003 Group of 72 Tanks**

- Group Members: EQT0406 EQT0407 EQT0408 EQT0410 EQT0411 EQT0412 EQT0413 EQT0414 EQT0415 EQT0416 EQT0419 EQT0421 EQT0427 EQT0428 EQT0429 EQT0430 EQT0431 EQT0432 EQT0433 EQT0434 EQT0435 EQT0436 EQT0438 EQT0439 EQT0440 EQT0441 EQT0443 EQT0446 EQT0449 EQT0450 EQT0451 EQT0453 EQT0454 EQT0317 EQT0318 EQT0319 EQT0320 EQT0323 EQT0324 EQT0325 EQT0326 EQT0327 EQT0328 EQT0329 EQT0330 EQT0331 EQT0338 EQT0342 EQT0343 EQT0344 EQT0345 EQT0346 EQT0356 EQT0358 EQT0360 EQT0363 EQT0364 EQT0365 EQT0367 EQT0371 EQT0375 EQT0376 EQT0379 EQT0384 EQT0385 EQT0387 EQT0388 EQT0389 EQT0391 EQT0392 EQT0394 EQT0395
- 39 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 40 [LAC 33:III.5.109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**CRG0004 111, 462, 934, 170, and 171**

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
Activity Number: PER20070008  
Permit Number: 2795-V3  
Air - Title V Regular Permit Minor Mod

**CRG0004 111, 462, 934, 170, and 171**

Group Members: EQT0333 EQT0362 EQT0373 EQT0455 EQT0456

41 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.

**CRG0005 130, 131, 403, 407, 408, 419, and 461**

Group Members: EQT0334 EQT0335 EQT0348 EQT0352 EQT0353 EQT0357 EQT0361

42 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.

43 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**CRG0006 Group of 27 Tanks**

Group Members: EQT0349 EQT0350 EQT0442 EQT0461 EQT0464 EQT0466 EQT0468 EQT0471 EQT0472 EQT0474 EQT0476 EQT0477 EQT0478 EQT0485 EQT0487 EQT0488 EQT0490 EQT0492 EQT0494 EQT0495 EQT0496 EQT0498 EQT0499 EQT0500 EQT0505 EQT0507 EQT0508

44 [40 CFR 63.646(a)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.646(a), 40 CFR 63.119(c)]  
Equip with a submerged fill pipe.

45 [LAC 33:III.2103.B]

46 [LAC 33:III.2103.D.2.a]

47 [LAC 33:III.2103.D.2.b]

48 [LAC 33:III.2103.D.2.c] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.  
Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.  
Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.

49 [LAC 33:III.2103.D.2.d]

Which Months: All Year Statistical Basis: None specified  
Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.

50 [LAC 33:III.2103.D.2.e]

Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.

51 [LAC 33:III.2103.D.2.e]

Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.

52 [LAC 33:III.2103.D.2.e]

Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.

53 [LAC 33:III.2103.D.2.e]

Which Months: All Year Statistical Basis: None specified  
Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**CRG0006 Group of 27 Tanks**

- 54 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 55 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 57 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stiling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 58 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 59 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.
- 60 [LAC 33:III.2103.D.4.d] Which Months: All Year Statistical Basis: None specified Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 61 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 62 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 63 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 64 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**CRG0007 137 and 138**

Group Members: EQT0513 EQT0514

- 65 [40 CFR 60.112b(a)(1)] The closed vent system routes all organic vapors to refinery fuel gas system. This system was determined to be equivalent to 40 CFR 60.114b(a)(2) and was approved as provided in 40 CFR 60.114b. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 66 [40 CFR 60.112b(a)(3)(ii)] VOC, Total >= 95 % reduction efficiency using a closed vent system and control device. Subpart Kb. [40 CFR 60.112b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**Air - Title V Regular Permit Minor Mod**

**CRG0007 137 and 138**

- 67 [40 CFR 60.116b(b)]
  - 68 [40 CFR 63.640(n)(1)]
  - 69 [LAC 33:III.2103.B]
  - 70 [LAC 33:III.2103.E.2]
  - 71 [LAC 33:III.2103.J]
  - 72 [LAC 33:III.5109.A]
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 63.640(n)(1), 40 CFR 60.112b(a)(3)(ii)]
- Equip with a submerged fill pipe.
- VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
- Which Months: All Year Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Vapor recovery system is used which reduced VOC emissions by > 95%. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**CRG0008 198, 199, 728, 795, and 796**

**Group Members: EQT0459 EQT0460 EQT0475 EQT0502 EQT0503**

- 73 [40 CFR 60.112b(a)(2)(ii)]
  - 74 [40 CFR 60.112b(a)(2)]
- Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
- Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**CRG0008 198, 199, 728, 795, and 796**

- 75 [40 CFR 60.113b(b)(1)(i)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)]  
Which Months: All Year Statistical Basis: None specified
- 76 [40 CFR 60.113b(b)(1)(ii)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 77 [40 CFR 60.113b(b)(3)] Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)]
- 78 [40 CFR 60.113b(b)(4)(B)] There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(B)]
- 79 [40 CFR 60.113b(b)(4)(i)] Seal gap area <= 212 cm<sup>2</sup>/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]  
Which Months: All Year Statistical Basis: None specified
- 80 [40 CFR 60.113b(b)(4)(j)] Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(j)]  
Which Months: All Year Statistical Basis: None specified
- 81 [40 CFR 60.113b(b)(4)(ii)(A)] Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
- 82 [40 CFR 60.113b(b)(4)(ii)(B)] Seal gap area <= 21.2 cm<sup>2</sup>/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]  
Which Months: All Year Statistical Basis: None specified
- 83 [40 CFR 60.113b(b)(4)(ii)(B)] Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]  
Which Months: All Year Statistical Basis: None specified
- 84 [40 CFR 60.113b(b)(4)(ii)(C)] There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]
- 85 [40 CFR 60.113b(b)(4)] Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
- 86 [40 CFR 60.113b(b)(5)] Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
- 87 [40 CFR 60.113b(b)(6)(i)] If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
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**CRG0008 198, 199, 728, 795, and 796**

- 88 [40 CFR 60.113b(b)(6)(ii)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
- 89 [40 CFR 60.113b(b)(6)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)]  
 Which Months: All Year Statistical Basis: None specified
- 90 [40 CFR 60.115b(b)(1)] Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
- 91 [40 CFR 60.115b(b)(2)] Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. The reports of the rim seal inspections specified in 60.115(b)(2) are not required if none of the measured gaps or calculated gap areas exceed the limitations specified in 60.113b(b)(4). Subpart Kb. [40 CFR 60.115b(b)(2)]
- 92 [40 CFR 60.115b(b)(3)] Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
- 93 [40 CFR 60.115b(b)(4)] Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
- 94 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 95 [40 CFR 63.640(n)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 63.640(n)(1), 40 CFR 60.112b(a)(1)]  
 Equip with a submerged fill pipe.
- 96 [LAC 33:III.2103.B]
- 97 [LAC 33:III.2103.D.2.a]
- 98 [LAC 33:III.2103.D.2.b]
- 99 [LAC 33:III.2103.D.2.c] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.  
 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.  
 Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
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**Air - Title V Regular Permit Minor Mod**

**CRG0008 198, 199, 728, 795, and 796**

- 100 [LAC 33:III.2103.D.2.d] Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
 Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 101 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.  
 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified  
 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified  
 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 102 [LAC 33:III.2103.D.2.e] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.  
 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.  
 Control non-slotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.  
 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.  
 Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:II.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.  
 Which Months: All Year Statistical Basis: None specified
- 103 [LAC 33:III.2103.D.2.e] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.  
 Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 104 [LAC 33:III.2103.D] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.  
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 105 [LAC 33:III.2103.D.2.e]
- 106 [LAC 33:III.2103.D.3]
- 107 [LAC 33:III.2103.D.3]
- 108 [LAC 33:III.2103.D.4.a]
- 109 [LAC 33:III.2103.D.4.a]
- 110 [LAC 33:III.2103.D.4.d]
- 111 [LAC 33:III.2103.D.4.d]
- 112 [LAC 33:III.2103.D]
- 113 [LAC 33:III.2103.H.1]
- 114 [LAC 33:III.2103.I]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**CRG0008 198, 199, 728, 795, and 796**

115 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**CRG0009 475, 372, and 793**

Group Members: EQT0366 EQT0420 EQT0447

- 116 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 117 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 118 [LAC 33:III.2103.J] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 119 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**CRG0010 669X, 670X, 671X, 024, 774X, 179, 284, and 762**

Group Members: EQT0368 EQT0370 EQT0374 EQT0390 EQT0417 EQT0437 EQT0444

- 120 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 121 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**CRG0011 261, 097, 099, 100, and 101**

Group Members: EQT0341 EQT0378 EQT0380 EQT0381 EQT0382

- 122 [40 CFR 63.641] Compliance with NESHAP Part 61 Subpart FF serves as compliance with NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 123 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 124 [LAC 33:III.2103.E.2] VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.  
Which Months: All Year Statistical Basis: None specified
- 125 [LAC 33:III.2103.J] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 126 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Vapor recovery system is used which reduced VOC emissions by > 95%. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

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**CRG0012 192, 777, 722, 732, and 750**

Group Members: EQT0400 EQT0445 EQT0470 EQT0479 EQT0491

- 127 [40 CFR 60.110a] Subsumed by NESHAP Part 63 Subpart CC, as per 40 CFR 63.640(n)(5) overlap provisions. Subpart Ka.
- 128 [40 CFR 63.646(a)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.646(a), 40 CFR 63.119(c)]  
Equip with a submerged fill pipe.
- 129 [LAC 33:III.2103.B] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 130 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 131 [LAC 33:III.2103.D.2.b] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 132 [LAC 33:III.2103.D.2.c] Which Months: All Year Statistical Basis: None specified  
Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 133 [LAC 33:III.2103.D.2.d] Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 134 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 135 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
Which Months: All Year Statistical Basis: None specified  
Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.
- 136 [LAC 33:III.2103.D.2.e] Which Months: All Year Statistical Basis: None specified  
Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.
- 137 [LAC 33:III.2103.D.2.e] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.  
Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 138 [LAC 33:III.2103.D.2.e] Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 141 [LAC 33:III.2103.D.4.a]

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**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**

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**CRG0012 192, 777, 722, 732, and 750**

- 142 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stiling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.  
Which Months: All Year Statistical Basis: None specified  
Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 145 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 146 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 147 [LAC 33:III.2103.I] Equip ment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 148 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**CRG0013 457, 460, 476 and 477**

- Group Members: EQT0422 EQT0423 EQT0425 EQT0426
- 149 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
- 150 [40 CFR 60.112b(a)(1)(ii)] Equip internal floating roof with 1) a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank; or 2) two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous; or 3) a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)]

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
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**CRG0013 457, 460, 476 and 477**

- 151 [40 CFR 60.112b(a)(1)]  
 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sump drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 152 [40 CFR 60.113b(a)(1)]  
 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]  
 Which Months: All Year Statistical Basis: None specified
- 153 [40 CFR 60.113b(a)(4)]  
 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. [40 CFR 60.113b(a)(4)]
- 154 [40 CFR 60.113b(a)(4)]  
 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 155 [40 CFR 60.113b(a)(5)]  
 Which Months: All Year Statistical Basis: None specified  
 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

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**CRG0013 457, 460, 476 and 477**

- 156 [40 CFR 60.115b(a)(1)]  
 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 157 [40 CFR 60.115b(a)(2)]  
 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 158 [40 CFR 60.115b(a)(3)]  
 Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 159 [40 CFR 60.115b(b)(4)]  
 Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(b)(4), 40 CFR 63.640(n)(8)(v)]
- 160 [40 CFR 60.116b(b)]  
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 161 [40 CFR 61.351]  
 An IFR must be equipped with either (a) a foam or liquid mounted seal mounted in contact with the liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Wastewater storage vessel may elect to comply with NSFS Part 60 Subpart Kb, as per alternative standards in NESHAP Part 61 Subpart FF (40 CFR 61.351)
- 162 [40 CFR 63.641]  
 . [40 CFR 61.351, 40 CFR 60.112b(a)(1)]
- 163 [LAC 33:III.2103.B]  
 Storage vessels are used to store Group 1 wastewater. The wastewater stream are addressed under the wastewater provisions of Subpart CC which requires compliance with 40 CFR 61.340 through 61.355 of 40 CFR Part 61 Subpart FF. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 164 [LAC 33:III.2103.C]  
 Equip with a submerged fill pipe.
- 165 [LAC 33:III.2103.I]  
 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 166 [LAC 33:III.5109.A]  
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.  
 Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
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**CRG0014 734, 743, and 751**

Group Members: EQT0515 EQT0516 EQT0517

167 [LAC 33:III.2103.H]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

**CRG0016 193, 406, 766, and 863**

Group Members: EQT0351 EQT0401 EQT0493

168 [40 CFR 60.112b(a)(1)(i)]

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

169 [40 CFR 60.112b(a)(1)(ii)(A)]

Equip internal floating roof with 1) a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank; or 2) two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous; or 3) a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]

170 [40 CFR 60.112b(a)(1)(ii)]

Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)]

171 [40 CFR 60.112b(a)(1)]

Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
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**CRG0016 193, 406, 766, and 863**

- 172 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
- 173 [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified  
If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 174 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 175 [40 CFR 60.115b(a)(1)] Which Months: All Year Statistical Basis: None specified  
Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 176 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 177 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 178 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(i). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(4)]

**SPECIFIC REQUIREMENTS**

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**Activity Number: PER20070008**  
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**CRG0016 193, 406, 766, and 863**

- 179 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 180 [40 CFR 63.640(m)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(m)(1) overlap provisions. [40 CFR 63.640(n)(1), 40 CFR 63.112b(a)(1)]
- 181 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 182 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 183 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 184 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**CRG0017 172 and 173**

Group Members: EQT0457 EQT0458

- 185 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 186 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQT0339 DIST/TK0135 - DIST/TK0135**

- 187 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 188 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQI0340 DIST/TK0136 - DIST/TK0136**

- 189 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 190 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQI0347 DIST/TK0402 - DIST/TK0402**

- 191 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

**SPECIFIC REQUIREMENTS**

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**EQ10347 DIST/TK0402 - DIST/TK0402**

192 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.  
 193 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQ10354 DIST/TK0409 - DIST/TK0409**

194 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.  
 195 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQ10359 DIST/TK0445 - DIST/TK0445**

196 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.  
 197 [LAC 33:III.5109.A] MACT is not required for sources which do not emit Class I or Class II toxic air pollutants at a rate of  $\geq$  the minimum emission rate. Source does not emit Class I or Class II toxic air pollutants.

**EQ10383 FEED/TK0105 - FEED/TK0105**

198 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

199 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with 1) a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank; or 2) two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous; or 3) a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]

200 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]

**SPECIFIC REQUIREMENTS**

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**EQI0383 FEED/TK0105 - FEED/TK0105**

- 201 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 202 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]  
Which Months: All Year Statistical Basis: None specified
- 203 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 204 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 205 [40 CFR 60.115b(a)(1)] Which Months: All Year Statistical Basis: None specified  
Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 206 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]

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**EQ10383 FEED/TK0105 - FEED/TK0105**

- 207 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 208 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 60.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 209 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.116b(b)]
- 210 [40 CFR 61.351] Compliance with NSPS 40 CFR 60.112b(a)(1) serves as compliance with Subpart FF, as per alternative standards in 40 CFR 61.351. [40 CFR 61.351, 40 CFR 60.112b(a)(1)]
- 211 [40 CFR 63.640(n)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 63.640(n)(1), 40 CFR 60.112b(a)(1)]
- 212 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 213 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 214 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 215 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10386 FEED/TK0109 - FEED/TK0109**

- 216 [40 CFR 61.351] An IFR must be equipped with either (a) a foam or liquid mounted seal mounted in contact with the liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Wastewater storage vessel may elect to comply with NSPS Part 60 Subpart Kb, as per alternative standards in NESHAP Part 61 Subpart FF (40 CFR 61.351)
- 217 [40 CFR 63.641] [40 CFR 61.351, 40 CFR 60.112b(a)(1)] Compliance with NESHAP Part 61 Subpart FF serves as compliance with NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 218 [40 CFR 63.641] Storage vessels is used to store Group 1 wastewater. The wastewater stream is addressed under the wastewater provisions of Subpart CC which requires compliance with 40 CFR 61.340 through 61.355 of 40 CFR Part 61 Subpart FF. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]

**SPECIFIC REQUIREMENTS**

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**EQ10386 FEED/TK0109 - FEED/TK0109**

- 219 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 220 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 221 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 222 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10393 FEED/TK0183 - FEED/TK0183**

- 223 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 224 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10396 FEED/TK0187 - FEED/TK0187**

- 225 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
- 226 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with 1) a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank; or 2) two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous; or 3) a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]
- 227 [40 CFR 60.112b(a)(1)(ii)] Submit a report. Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)]

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**EQT0396 FEED/TK0187 - FEED/TK0187**

- 228 [40 CFR 60.112b(a)(1)]  
 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
  
- 229 [40 CFR 60.113b(a)(1)]  
 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]  
 Which Months: All Year Statistical Basis: None specified
  
- 230 [40 CFR 60.113b(a)(4)]  
 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(i) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
  
- 231 [40 CFR 60.113b(a)(4)]  
 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
  
- 232 [40 CFR 60.113b(a)(5)]  
 Which Months: All Year Statistical Basis: None specified  
 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

**SPECIFIC REQUIREMENTS**

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**EQT0396 FEED/TK0187 - FEED/TK0187**

- 233 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 234 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 235 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. May submit inspection reports required by 60.115(a)(3), (a)(4), and (b)(4) of Subpart Kb as part of the periodic reports required by 40 CFR 63 Subpart CC, rather than the 30-day period specified in 60.115b(a)(3), (a)(4), and (b)(4) of Subpart Kb. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 236 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 237 [40 CFR 63.646(a)] An IFR shall be equipped with either (a) a foam or liquid filled seal mounted in contact with liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 63.646(a), 40 CFR 63.119(b)]
- 238 [LAC 33:III.2103.B]
- 239 [LAC 33:III.2103.C]
- 240 [LAC 33:III.2103.I]
- 241 [LAC 33:III.5109.A]

**EQT0397 FEED/TK0188 - FEED/TK0188**

- 242 [40 CFR 60.112b(a)(2)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 60.112b(a)(2), 40 CFR 63.640(n)(1)]
- 243 [40 CFR 63.640(n)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 60.112b(a)(1), 40 CFR 63.640(n)(1)]

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
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 Permit Number: 2795-V3  
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**EQ10397 FEED/TK0188 - FEED/TK0188**

- 244 [LAC 33:III.2.103.B] Equip with a submerged fill pipe.
- 245 [LAC 33:III.2.103.D.2.a] Seal closure devices required in LAC 33:III.2.103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 246 [LAC 33:III.2.103.D.2.b] Seal closure devices required in LAC 33:III.2.103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 247 [LAC 33:III.2.103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 248 [LAC 33:III.2.103.D.2.d] Which Months: All Year Statistical Basis: None specified  
 Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 249 [LAC 33:III.2.103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2.103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2.103.D.2.
- 250 [LAC 33:III.2.103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2.103. Complete repairs within three months of the ordering of the repair parts.
- 251 [LAC 33:III.2.103.D.2.c] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.
- 252 [LAC 33:III.2.103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.
- 253 [LAC 33:III.2.103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.
- 254 [LAC 33:III.2.103.D.3] Which Months: All Year Statistical Basis: None specified  
 Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 255 [LAC 33:III.2.103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 256 [LAC 33:III.2.103.D.4.a] Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 257 [LAC 33:III.2.103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 258 [LAC 33:III.2.103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2.103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**EQT0397 FEED/TK0188 - FEED/TK0188**

- 259 [LAC 33:III.2103.D.4.d] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 260 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 261 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 262 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 263 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQT0398 FEED/TK0189 - FEED/TK0189**

- 264 [40 CFR 60.112b(a)(2)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 60.112b(a)(2), 40 CFR 63.640(n)(1)]
- 265 [40 CFR 63.640(n)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 60.112b(a)(1), 40 CFR 63.640(n)(1)]
- 266 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 267 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 268 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 269 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 270 [LAC 33:III.2103.D.2.d] Which Months: All Year Statistical Basis: None specified  
 Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 271 [LAC 33:III.2103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 272 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 273 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 274 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

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**EQ10398 FEED/TK0189 - FEED/TK0189**

- 275 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
Which Months: All Year Statistical Basis: None specified
- 276 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 277 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 278 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 279 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 280 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.
- 281 [LAC 33:III.2103.D.4.d] Which Months: All Year Statistical Basis: None specified
- 282 [LAC 33:III.2103.D] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 283 [LAC 33:III.2103.H.1] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 284 [LAC 33:III.2103.I] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 285 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQ10399 FEED/TK0190 - FEED/TK0190**

- 286 [40 CFR 60.112b(a)(2)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annual space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.640(n)(1), 40 CFR 60.112b(a)(2)]
- 287 [40 CFR 63.640(n)(1)] Compliance with NSPS Part 60 Subpart Kb serves as compliance with NESHAP Part 63 Subpart CC control, as per 40 CFR 63.640(n)(1) overlap provisions. [40 CFR 60.112b(a)(1), 40 CFR 63.640(n)(1)]
- 288 [LAC 33:III.2103.B] Equip with a submerged fill pipe.

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
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**EQT0399 FEED/TK0190 - FEED/TK0190**

289 [LAC 33:III.2103.I.] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.  
 290 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQT0402 FEED/TK0194 - FEED/TK0194**

291 [40 CFR 60.110a] Subsumed by NESHAP Part 63 Subpart CC, as per 40 CFR 63.640(n)(5) overlap provisions. Subpart Ka.  
 292 [40 CFR 60.112a(a)(1)(ii)(A)] Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 40 CFR 60.112a(a)(1)(ii)(A)]  
 293 [40 CFR 60.112a(a)(1)(ii)(C)] There are to be no holes, tears or other openings in the secondary seal or seal fabric. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(C)]  
 294 [40 CFR 60.112a(a)(1)(iii)] Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Equip each opening in the roof except for automatic bleeder vents, rim space vents and leg sleeves with a cover, seal or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use or as described in 40 CFR 60.112a(a)(1)(iv). Close automatic bleeder vents at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(1)(iii)]  
 295 [40 CFR 60.112a(a)(1)(iv)] Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Ka. [40 CFR 60.112a(a)(1)(iv)]  
 296 [40 CFR 60.113a(a)(1)(i)(A)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the primary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every 5 years thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Accomplish all primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal as rapidly as possible and replace the secondary seal as soon as possible. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(A)]  
 297 [40 CFR 60.113a(a)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified  
 Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the secondary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every year thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Subpart Ka. [40 CFR 60.113a(a)(1)(i)(B)]  
 298 [40 CFR 60.113a(a)(1)(i)(D)] Which Months: All Year Statistical Basis: None specified  
 Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by 40 CFR 60.113a(a)(1)(ii) and the calculation required by 40 CFR 60.113a(a)(1)(iii). Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(D)]  
 299 [40 CFR 60.113a(a)(1)(i)(E)] Submit report. Due to DEQ within 60 days of the date of seal gap measurements, if either the seal gap calculated in accord with 40 CFR 60.113a(a)(1)(iii) or the measured maximum seal gap exceeds the limitations specified by 40 CFR 60.112a. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of 40 CFR 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR 60.112a. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(E)]

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**EQT0402 FEED/TK0194 - FEED/TK0194**

- 300 [40 CFR 60.113a(a)(1)(iv)] Submit notification: Due to DEQ at least 30 days prior to the gap measurement to afford DEQ to have an observer present. Subpart Ka. [40 CFR 60.113a(a)(1)(iv)]
- 301 [40 CFR 61.351] Compliance with NSPS 60.112b(a)(2) constitutes compliance with NESHAP Part 61 Subpart FF, as per alternative standards in 61.351.
- 302 [40 CFR 63.641] Compliance with NESHAP Part 61 Subpart FF serves as compliance with NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 303 [40 CFR 63.646(a)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.646(a), 40 CFR 63.119(c)]
- 304 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 305 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 306 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 307 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 308 [LAC 33:III.2103.D.2.d] Which Months: All Year Statistical Basis: None specified  
 Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 309 [LAC 33:III.2103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 310 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 311 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 312 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified
- 313 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 314 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 315 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.

**SPECIFIC REQUIREMENTS**

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**EQ10402 FEED/TK0194 - FEED/TK0194**

- 316 [LAC 33:III.2103.D.4.a] Control non-slotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 317 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 318 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.
- 319 [LAC 33:III.2103.D.4.d] Which Months: All Year Statistical Basis: None specified  
 Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid non-compliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 320 [LAC 33:III.2103.D.] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 321 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 322 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 323 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQ10403 FEED/TK0195 - FEED/TK0195**

- 324 [40 CFR 61.351] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. Wastewater storage vessel may elect to comply with NSPS Part 60 Subpart Kb, as per alternative standards in NESHAP Part 61 Subpart FF. Although not subject to the requirements of NSPS Part 60 Subpart Kb, this storage vessel complies with the control requirements of the rule. [40 CFR 61.351, 40 CFR 60.112b(a)(2)]
- 325 [40 CFR 63.641] Compliance with NESHAP Part 61 Subpart FF serves as compliance with NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 326 [40 CFR 63.641] Storage vessels is used to store Group 1 wastewater. The wastewater stream is addressed under the wastewater provisions of Subpart CC which requires compliance with 40 CFR 61.340 through 61.355 of 40 CFR Part 61 Subpart FF. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]  
 Equip with a submerged fill pipe.
- 327 [LAC 33:III.2103.B] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 328 [LAC 33:III.2103.D.2.a]
- 329 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.

**SPECIFIC REQUIREMENTS**

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**EQ10403 FEED/TK0195 - FEED/TK0195**

- 330 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1$  in<sup>2</sup>/ft of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
 Which Months: All Year Statistical Basis: None specified
- 331 [LAC 33:III.2103.D.2.d] Seal gap area  $\leq 10$  in<sup>2</sup>/ft of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
 Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.  
 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 332 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified  
 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified  
 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 333 [LAC 33:III.2103.D.2.e] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.  
 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.  
 Control nonslotted guide poles and stiling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 334 [LAC 33:III.2103.D.2.e] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stiling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 335 [LAC 33:III.2103.D.4.a] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.  
 Which Months: All Year Statistical Basis: None specified
- 336 [LAC 33:III.2103.D.4.d] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 337 [LAC 33:III.2103.D.] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.

**SPECIFIC REQUIREMENTS**

**AJ ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**EQ10403 FEED/TK0195 - FEED/TK0195**

- 344 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 345 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 346 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQ10405 FEED/TK0197 - FEED/TK0197**

- 347 [40 CFR 60.112b(a)(2)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 60.112b(a)(2), 40 CFR 63.640(n)(1)]
- 348 [40 CFR 63.641] Storage vessel is used to store Group 1 wastewater. The wastewater stream is addressed under the wastewater provisions of Subpart CC which requires compliance with 40 CFR 61.340 through 61.355 of 40 CFR Part 61 Subpart FF. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 349 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 350 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 351 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 352 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 353 [LAC 33:III.2103.D.2.d] Which Months: All Year Statistical Basis: None specified  
 Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65  $\text{cm}^2/0.3 \text{ m}$ ), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 354 [LAC 33:III.2103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 355 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 356 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 357 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified
- 358 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 359 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
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**EQT0405 FEED/TK0197 - FEED/TK0197**

- 360 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 361 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stiling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 362 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stiling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 363 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.
- 364 [LAC 33:III.2103.D.4.d] Which Months: All Year Statistical Basis: None specified  
 Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 365 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 366 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 367 [LAC 33:III.2103.J] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 368 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQT0418 FEED/TK0300 - FEED/TK0300**

- 369 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 370 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQT0424 FEED/TK0474 - FEED/TK0474**

- 371 [40 CFR 61.351] An IFR must be equipped with either (a) a foam or liquid mounted seal mounted in contact with the liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Wastewater storage vessel may elect to comply with NSPS Part 60 Subpart Kb, as per alternative standards in NESHAP Part 61 Subpart FF (40 CFR 61.351) . [40 CFR 61.351, 40 CFR 60.112b(a)(1)]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**EQ10424 FEED/TK0474 - FEED/TK0474**

- 372 [40 CFR 63.641] Storage vessels is used to store Group 1 wastewater. The wastewater stream is addressed under the wastewater provisions of Subpart CC which requires compliance with 40 CFR 61.340 through 61.355 of 40 CFR Part 61 Subpart FF. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- Equip with a submerged fill pipe.
- 373 [LAC 33:III.2103.B] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 374 [LAC 33:III.2103.C] Equipment/operational data recording by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 375 [LAC 33:III.2103.I] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10437 FEED/TK0762 - FEED/TK0762**

- 377 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 378 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQ10448 FEED/TK0798 - FEED/TK0798**

- 379 [40 CFR 63.646] Group 2 Storage vessels shall comply with the recordkeeping requirements of 40 CFR 63 Subpart CC.
- 380 [LAC 33:III.507.G.5] Scenario A: This is the initial scenario for this source. Source does not store VOL or HAP-containing liquid with a vapor pressure greater than 1.5 psia and is not subject to the control requirements of 40 CFR Part 63 Subpart CC - NESHAPs for Petroleum Refineries, Storage Vessel Provisions. Recordkeeping requirements apply. The tank is not subject to the requirements of LAC 33:III.2103.
- 381 [LAC 33:III.507.G.5] Scenario B: In this scenario, the source begins storing VOL or HAP-containing liquid with a vapor pressure greater than 1.5 psia and is subject to the control requirements of 40 CFR Part 63 Subpart CC - NESHAPs for Petroleum Refineries, Storage Vessel Provisions and LAC 33:III.2103, Storage of Volatile Organic Compounds. Permittee shall meet all control requirements, notification, monitoring, recordkeeping and reporting provisions of Subpart CC and LAC 33:III.2103.
- 382 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10461 KXFLD/TK0655 - KXFLD/TK0655**

- 383 [40 CFR 61.351] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion. Although not subject to the requirements of NSPS Part 60 Subpart Kb, this storage vessel complies with the control requirements of the rule. 40 CFR 61.351, 40 CFR 60.112b(a)(2)]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**EQT0461 KXFLD/TK0655 - KXFLD/TK0655**

- 384 [40 CFR 63.641] Storage vessels is used to store Group 1 wastewater. The wastewater stream is addressed under the wastewater provisions of Subpart CC which requires compliance with 40 CFR 61.340 through 61.355 of 40 CFR Part 61 Subpart FF. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control as per 40 CFR 63.647(a). [40 CFR 63.641, 40 CFR 63.647(a)]
- 385 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 386 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 387 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 388 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 389 [LAC 33:III.2103.D.2.d] Which Months: All Year Statistical Basis: None specified  
 Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 390 [LAC 33:III.2103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 391 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103.
- 392 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 393 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified
- 394 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 395 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 396 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 397 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stiling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 398 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stiling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
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**EQ10461 KXFLD/TK0655 - KXFLD/TK0655**

- 399 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.  
 Which Months: All Year Statistical Basis: None specified
- 400 [LAC 33:III.2103.D.4.d] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 401 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 402 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 403 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 404 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10463 KXFLD/TK0700 - KXFLD/TK0700**

- 405 [40 CFR 61.351] An IFR must be equipped with either (a) a foam or liquid mounted seal in contact with the liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Wastewater storage vessel may elect to comply with NSPS Part 60 Subpart Kb, as per alternative standards in NESHAP Part 61 Subpart FF (40 CFR 61.351)  
 . [40 CFR 61.351, 40 CFR 60.112b(a)(1)]
- 406 [40 CFR 63.646(a)] An IFR shall be equipped with either (a) a foam or liquid filled seal mounted in contact with liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. [40 CFR 63.646(a), 40 CFR 63.119(b)]  
 Equip with a submerged fill pipe.
- 407 [LAC 33:III.2103.B] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 408 [LAC 33:III.2103.C] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 409 [LAC 33:III.2103.I] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10465 KXFLD/TK0702 - KXFLD/TK0702**

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
 Permit Number: 2795-V3  
 Air - Title V Regular Permit Minor Mod

**EQT0465 KXFLD/TK0702 - KXFLD/TK0702**

- 411 [40 CFR 60.112b(a)(2)(ii)] Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
- 412 [40 CFR 60.112b(a)(2)] Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
- 413 [40 CFR 60.113b(b)(1)(i)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)]  
 Which Months: All Year Statistical Basis: None specified
- 414 [40 CFR 60.113b(b)(1)(ii)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)]  
 Which Months: All Year Statistical Basis: None specified
- 415 [40 CFR 60.113b(b)(3)] Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)]
- 416 [40 CFR 60.113b(b)(4)(i)(B)] There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
- 417 [40 CFR 60.113b(b)(4)(i)] Seal gap area <= 212 cm<sup>2</sup>/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]  
 Which Months: All Year Statistical Basis: None specified
- 418 [40 CFR 60.113b(b)(4)(i)] Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]  
 Which Months: All Year Statistical Basis: None specified
- 419 [40 CFR 60.113b(b)(4)(ii)(A)] Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]

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**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**EQT0465 KXFLD/TK0702 - KXFLD/TK0702**

- 420 [40 CFR 60.113b(b)(4)(ii)(B)] Seal gap area  $\leq 21.2 \text{ cm}^2/\text{m}$  of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]
- 421 [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified  
 Seal gap width  $\leq 1.27 \text{ cm}$  for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]
- 422 [40 CFR 60.113b(b)(4)(ii)(C)] Which Months: All Year Statistical Basis: None specified  
 There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]
- 423 [40 CFR 60.113b(b)(4)] Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
- 424 [40 CFR 60.113b(b)(5)] Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
- 425 [40 CFR 60.113b(b)(6)(i)] If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
- 426 [40 CFR 60.113b(b)(6)(ii)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(b)(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
- 427 [40 CFR 60.113b(b)(6)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)]
- 428 [40 CFR 60.115b(b)(1)] Which Months: All Year Statistical Basis: None specified  
 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
- 429 [40 CFR 60.115b(b)(2)] Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. The reports of the rim seal inspections specified in 60.115(b)(2) are not required if none of the measured gaps or calculated gap areas exceed the limitations specified in 60.113b(b)(4). Subpart Kb. [40 CFR 60.115b(b)(2)]
- 430 [40 CFR 60.115b(b)(3)] Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
- 431 [40 CFR 60.115b(b)(4)] Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]

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**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**

**Activity Number: PER20070008**

**Permit Number: 2795-V3**

**Air - Title V Regular Permit Minor Mod**

**EQT0465 KXFLD/TK0702 - KXFLD/TK0702**

- 432 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 433 [40 CFR 63.646(a)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annual space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.646(a), 40 CFR 63.119(c)]
- 434 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 435 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 436 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 437 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
Which Months: All Year Statistical Basis: None specified
- 438 [LAC 33:III.2103.D.2.d] Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.  
Which Months: All Year Statistical Basis: None specified
- 439 [LAC 33:III.2103.D.2.e] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 440 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 441 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
Which Months: All Year Statistical Basis: None specified
- 442 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
Which Months: All Year Statistical Basis: None specified
- 443 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
Which Months: All Year Statistical Basis: None specified
- 444 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 445 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 446 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.

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**EQ10465 KXFLD/TK0702 - KXFLD/TK0702**

- 447 [LAC 33:III.2103.D.4.a)] Submit notification: Due to the Office of Environment 1 Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets. Which Months: All Year Statistical Basis: None specified Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 448 [LAC 33:III.2103.D.4.d)] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 449 [LAC 33:III.2103.D.4.d)] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 450 [LAC 33:III.2103.D)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 451 [LAC 33:III.2103.H.1)] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQ10467 KXFLD/TK0708 - KXFLD/TK0708**

- 454 [40 CFR 60.112b(a)(2)(ii)] Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
- 455 [40 CFR 60.112b(a)(2)] Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]

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**Air - Title V Regular Permit Minor Mod**

**EQT0467 KXFLD/TK0708 - KXFLD/TK0708**

- 456 [40 CFR 60.113b(b)(1)(i)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)]  
Which Months: All Year Statistical Basis: None specified
- 457 [40 CFR 60.113b(b)(1)(ii)] Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 458 [40 CFR 60.113b(b)(3)] Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)] There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)] Seal gap area  $\leq 212 \text{ cm}^2/\text{m}$  of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]  
Which Months: All Year Statistical Basis: None specified
- 459 [40 CFR 60.113b(b)(4)(C)(B)] Seal gap width  $\leq 3.81 \text{ cm}$  for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]  
Which Months: All Year Statistical Basis: None specified
- 460 [40 CFR 60.113b(b)(4)(C)] Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]  
Which Months: All Year Statistical Basis: None specified
- 461 [40 CFR 60.113b(b)(4)(D)] Seal gap area  $\leq 21.2 \text{ cm}^2/\text{m}$  of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]  
Which Months: All Year Statistical Basis: None specified
- 462 [40 CFR 60.113b(b)(4)(ii)(A)] Seal gap width  $\leq 1.27 \text{ cm}$  for the width of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]  
Which Months: All Year Statistical Basis: None specified
- 463 [40 CFR 60.113b(b)(4)(ii)(B)] There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]  
Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]  
Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]  
If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
- 464 [40 CFR 60.113b(b)(4)(ii)(B)]
- 465 [40 CFR 60.113b(b)(4)(ii)(C)]
- 466 [40 CFR 60.113b(b)(4)]
- 467 [40 CFR 60.113b(b)(5)]
- 468 [40 CFR 60.113b(b)(6)(i)]

**SPECIFIC REQUIREMENTS**

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**EQ10467 KXFLD/TK0708 - KXFLD/TK0708**

- 469 [40 CFR 60.113b(b)(6)(ii)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
- 470 [40 CFR 60.113b(b)(6)] Tank roof and seals monitored by visual inspection/determination at the regulator's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)]
- 471 [40 CFR 60.115b(b)(1)] Which Months: All Year Statistical Basis: None specified  
Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
- 472 [40 CFR 60.115b(b)(2)] Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. The reports of the rim seal inspections specified in 60.115(b)(2) are not required if none of the measured gaps or calculated gap areas exceed the limitations specified in 60.113b(b)(4). Subpart Kb. [40 CFR 60.115b(b)(2)]
- 473 [40 CFR 60.115b(b)(3)] Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
- 474 [40 CFR 60.115b(b)(4)] Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
- 475 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 476 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 477 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 478 [LAC 33:III.2103.D.2.b] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 479 [LAC 33:III.2103.D.2.c] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 480 [LAC 33:III.2103.D.2.d] Which Months: All Year Statistical Basis: None specified  
Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.

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**EQT0467 KXFELD/TK0708 - KXFELD/TK0708**

- 481 [LAC 33:III.2103.D.2.e] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 482 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 483 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
- 484 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
- 485 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
- 486 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 487 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 488 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 489 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.
- 490 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets. Which Months: All Year Statistical Basis: None specified
- 491 [LAC 33:III.2103.D.4.d] Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 492 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 493 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 494 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 495 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**EQT0469 KXFLD/TK0720 - KXFLD/TK0720**

- 496 [40 CFR 63.646(a)] An EFR shall be equipped with: a) two seals between the wall of the storage vessel and the roof edge, b) a primary seal that consists of either a mechanical seal or a liquid mounted seal, c) a secondary seal that completely covers the annual space between the floating roof and the wall of the storage vessel in a continuous fashion. 40 CFR 63 Subpart CC. [40 CFR 63.646(a), 40 CFR 63.119(c)] Equip with a submerged fill pipe.
- 497 [LAC 33:III.2103.B] Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
- 498 [LAC 33:III.2103.D.2.a] Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
- 499 [LAC 33:III.2103.D.2.b] Seal gap area  $\leq 1 \text{ in}^2/\text{ft}$  of tank diameter (6.5 cm<sup>2</sup>/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 500 [LAC 33:III.2103.D.2.c] Which Months: All Year Statistical Basis: None specified
- 501 [LAC 33:III.2103.D.2.d] Seal gap area  $\leq 10 \text{ in}^2/\text{ft}$  of tank diameter (65 cm<sup>2</sup>/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.
- 502 [LAC 33:III.2103.D.2.e] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
- 503 [LAC 33:III.2103.D.2.e] Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
- 504 [LAC 33:III.2103.D.2.e] Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 505 [LAC 33:III.2103.D.2.e] Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.  
 Which Months: All Year Statistical Basis: None specified
- 506 [LAC 33:III.2103.D.2.e] Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.  
 Which Months: All Year Statistical Basis: None specified
- 507 [LAC 33:III.2103.D.3] Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
- 508 [LAC 33:III.2103.D.3] Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
- 509 [LAC 33:III.2103.D.4.a] Control nonslotted guide poles and stiling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover.
- 510 [LAC 33:III.2103.D.4.a] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, prior to installation of guide poles and stiling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval.

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**

**Activity Number: PER20070008**

**Permit Number: 2795-V3**

**Air - Title V Regular Permit Minor Mod**

**EQT0469 KXFLD/TK0720 - KXFLD/TK0720**

- 511 [LAC 33:III.2103.D.4.d] Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets.
- 512 [LAC 33:III.2103.D.4.d] Which Months: All Year Statistical Basis: None specified  
Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts.
- 513 [LAC 33:III.2103.D] Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
- 514 [LAC 33:III.2103.H.1] Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
- 515 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 516 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT. [LAC 33:III.5109.A, LAC 33:III.2103.D.4]

**EQT0480 KXFLD/TK0733 - KXFLD/TK0733**

- 517 [40 CFR 63.646(a)] An IFR shall be equipped with either (a) a foam or liquid filled seal mounted in contact with liquid, (b) two continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. [40 CFR 63.646(a), 40 CFR 63.119(b)]
- 518 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 519 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 520 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 521 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT. Storage vessels shall be in compliance with NESHAP Part 63 Subpart CC. Determined to be MACT.

**EQT0510 RTF/Diesel Engine - RTF Diesel Engine**

- 522 [40 CFR 63.] Shall comply with all applicable provisions in the required timeframe. Subpart ZZZZ.

**EQT0512 RTF/MW - Refinery Tank Farm Catch Basins and Sewer Vents**

- 523 [40 CFR 61.342(c)(2)] Wastewater streams with a benzene concentration of 10 ppmw or greater are routed to the benzene recovery unit. Wastewater streams with a benzene concentration less than 10 ppmw are exempt from control requirements. Controlled wastewater streams are processed at the benzene recovery unit. Exempt wastewater streams are processed at the water clarification plant. [40 CFR 61.342(c)(2), 40 CFR 61.348(a)(1)(i)]

**SPECIFIC REQUIREMENTS**

**AJID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**EQT0512 RTFMW - Refinery Tank Farm Catch Basins and Sewer Vents**

- 524 [40 CFR 63.647(a)] Wastewater streams having a benzene concentration of 10 ppmw or greater (Group 1) shall comply with the requirements of 61.340 through 61.355 of NESHAP Part 61 Subpart FF. Wastewater streams having a benzene concentration of less than 10 ppmw (group 2) are not regulated by this subpart. NESHAP Part 61 Subpart FF serves as NESHAP Part 63 Subpart CC control for Group 1 Wastewater Streams. [40 CFR 63.647(a)]
- 525 [LAC 33:III.5109.A] Control toxic air pollutant emissions to a degree that constitutes MACT. Shall comply with the provisions of 40 CFR 61 Subpart FF - National Emission Standard for Benzene Waste Operations. Determined as MACT.

**EQT0518 KXFLD/FLR-21 - # 21 Flare**

- 526 [40 CFR 60.18(c)(1)] Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
- 527 [40 CFR 60.18(c)(2)] Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
- 528 [40 CFR 60.18(c)(3)(ii)] Heat content  $\geq$  300 BTU/scf (1.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
- 529 [40 CFR 60.18(c)(4)(i)] Which Months: All Year Statistical Basis: None specified Exit Velocity  $<$  60 ft/sec (18.3 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(i)]
- 530 [40 CFR 60.18(d)] Which Months: All Year Statistical Basis: None specified Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
- 531 [40 CFR 60.18(e)] Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
- 532 [40 CFR 60.18(f)(2)] Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]
- 533 [40 CFR 60.] Which Months: All Year Statistical Basis: None specified At all times, to the extent practicable, including periods of startup, shutdown, upset and/or malfunction, BRRF shall implement good air pollution control practices to minimize emissions from KXFLD/FLR-21 in a manner consistent with the requirements imposed by 40 CFR 60.11(d). (CD 70).
- 534 [40 CFR 60.] Source KXFLD/FLR-21 is subject to 40 CFR Part 60, Subparts A and J for fuel gas combustion devices. Source shall receive only process upset gases (as defined in 40 CFR 60.101(e)), fuel gas released as a result of relief valve leakage, or gases released due to other emergency malfunctions, and shall be exempt from the SO2 control requirements of Subpart J. This flare shall not receive continuous or intermittent routinely-generated refinery fuel gases. (CD 71, 73.a.ii)
- 535 [LAC 33:III.1105] Opacity  $\leq$  20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.  
 Which Months: All Year Statistical Basis: None specified

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
 Permit Number: 2795-V3  
 Air - Title V Regular Permit Minor Mod

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 536 [40 CFR 60.SubpartGGG] Shall equip each open-ended valve or line with a cap, blind flange, plug or second valve. Potential leakers are detected via sight/sound/smell with a follow-up per established LDAR procedures. Light liquid pumps are visually monitored weekly for leaks. Deficiencies are detected and corrected in process rounds and do not require reporting as a deviation. [40 CFR 60.SubpartGGG; 40 CFR 63.Subpart CC, LAC 33:III.2122, LAC 33:III.5109.A]
- 537 [40 CFR 60.] Compliance with LA Refinery MACT in accordance with the streamlining provisions of Part 70 Specific Conditions is compliance with 40 CFR 60 Subpart GGG.
- 538 [40 CFR 63.Subpart CC] Compliance with LA Refinery MACT in accordance with the streamlining provisions of Part 70 Specific Conditions is compliance with 40 CFR 63 Subpart CC.
- 539 [40 CFR 63.Subpart CC] Gas and light liquid components are monitored per skip period provisions. Leaking components are repaired in 15 days or deferred. First attempt repair of leaking component within 5 days. Pressure relief valves are monitored within 5 days of release. Delay of Repair (DOR) components are required to be repaired during or before the next unit shutdown. Deficiencies are noted in semi-annual LDAR report. [40 CFR 63.Subpart CC, LAC 33:III.2122; LAC 33:III.5109.A]
- 540 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.
- 541 [LAC 33:III.2122] Compliance with LA Refinery MACT in accordance with the streamlining provisions of Part 70 Specific Conditions is compliance with LAC 33:III.2122.
- 542 [LAC 33:III.501.C.6] Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the applicable fugitive emission monitoring programs being streamlined as indicated in the following table. Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one or more of the applicable fugitive emissions programs.
  - a. Permittee shall apply the streamlined program to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program shall be monitored as required by the most stringent requirements of any other program being streamlined and will not be exempted. The streamlined program will include any exemptions based on size of component available in any of the programs being streamlined.
  - b. Permittee shall use leak definitions and monitoring frequency based on the overall most stringent program. Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall be defined as once every four quarters. Some allowance may be made in the first year of the streamlined program in order to allow for transition from existing monitoring schedules.
  - c. Permittee shall comply with recordkeeping and reporting requirements of the overall most stringent program. Semiannual reports shall be submitted on August 1 and March 1, to cover the periods of January 1, through June 30 and July 1 through December 31, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

**SPECIFIC REQUIREMENTS**

**AJ ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 543 [LAC 33:III.501.C.6] The number of each type of component required to be monitored for each monitoring period under the applicable leak definition and repair programs shall be reported to the Department by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification, provided:
  - a. Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increases except from the fugitive emission components themselves;
  - b. The changes do not involve any associated increase in production rate or capacity;
  - c. Actual emissions following the changes will not exceed the emission limits contained in this permit; and
  - d. The components are promptly incorporated into any applicable leak detection and repair program.
- 544 [LAC 33:III.5109.A] Attach a weatherproof and readily visible identification, marked with the equipment identification, to leaking equipment, as specified in Subsection Q.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 545 [LAC 33:III.5109.A] Compliance with LA Refinery MACT in accordance with the streamlining provisions of Part 70 Specific Conditions is compliance with LAC 33:III.5109.A.
- 546 [LAC 33:III.5109.A] Compliance with the La. Refinery MACT in accordance with the streamlining provisions of Part 70 Specific Conditions constitutes MACT.
- 547 [LAC 33:III.5109.A] Comply with the test methods and procedures in Section P, as specified in Subsections P.1 through P.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 548 [LAC 33:III.5109.A] Compressors (no detectable emissions): Demonstrate that the compressor is operating with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in Subsection P.3, as specified in Paragraph E.10.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsections E.2 through E.9.
- 549 [LAC 33:III.5109.A] Compressors (no detectable emissions): VOC, Total monitored by the regulation's specified method(s) once initially upon designation, annually, and at other times requested by DEQ, as specified in Paragraph E.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsections E.2 through E.9.
- 550 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified
- 550 [LAC 33:III.5109.A] Compressors (seal system): Operate with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure, or equip with a barrier fluid system that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emission to the atmosphere, as specified in Subsection E.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 551 [LAC 33:III.5109.A] Compressors (seal system): VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection E.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor to detect leaks using the methods specified in Section P. If an instrument reading of 5000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.
- 552 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified
- 552 [LAC 33:III.5109.A] Compressors: Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Paragraph E.6.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 553 [LAC 33:III.5109.A] Compressors: Ensure that the barrier fluid is not in VOTAP service and, if the compressor is covered by a standard under NSPS, is not in VOC service, as specified in Subsection E.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
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**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 554 [LAC 33:III.5109.A] Compressors: Equip each barrier fluid system as described in Subsections E.2 through E.4 with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Subsection E.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 555 [LAC 33:III.5109.A] Compressors: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal to a control device that complies with the requirements of Section N, except as provided for in Subsection E.10, as specified in Paragraph E.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections E.1 through E.7.
- 556 [LAC 33:III.5109.A] Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided for in Subsections C.4, E.9 and E.10, as specified in Subsection E.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 557 [LAC 33:III.5109.A] Compressors: Equipment/operational data monitored by technically sound method daily, as specified in Paragraph E.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Check each sensor as required in Subsection E.5 daily or equip with an audible alarm unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on criterion determined under Paragraph E.6.b, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.  
 Which Months: All Year Statistical Basis: None specified
- 558 [LAC 33:III.5109.A] Compressors: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection E.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- 559 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (inaccessible or glass or glass-lined): Repair leaks as soon as practicable, but no later than 15 calendar days after detecting a leak by visual, audible, olfactory or other means, except as specified in Subsection O.8, as specified in Subsection O.11.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after the leak is detected, as specified in Subsection O.11.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the monitoring requirements of Subsection O.2 through O.6 and the recordkeeping and reporting requirements.
- 560 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (opened or otherwise had the seal broken): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor for leaks after being returned to VOTAP service during the next scheduled monitoring period, as specified in Paragraph O.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the follow-up monitoring detects a leak, initiate repair provisions specified in Subsection O.9, unless it is determined to be unrepairable, in which case it is counted as unrepairable.  
 Which Months: All Year Statistical Basis: None specified
- 561 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (percent of leaking connectors  $\leq$  2): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Subsections O.2 and O.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitoring shall be performed annually. Monitoring must be performed in the same calendar quarter as the previous monitoring. Monitor using the method specified in Section P. If an instrument reading  $\geq$  1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AIID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**

**Activity Number: PER20070008**

**Permit Number: 2795-V3**

**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 562 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (percent of leaking connectors  $> 2$ ): VOC, Total monitored by the regulation's specified method(s) quarterly until good performance is obtained or until four quarterly monitorings have been performed, as specified in Subsections O.2 and O.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If good performance has not been obtained after four quarters of monitoring, monitor the remaining unchecked connectors within three months of the last quarterly monitoring period, as specified in Subsection O.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If monitoring of the remaining connectors indicates good performance, monitor in accordance with Subsection O.4. If monitoring of the remaining connectors indicates that good performance has not been obtained, monitor in accordance with Subsection O.5. Monitor using the method specified in Section P. If an instrument reading  $\geq 1000$  ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.  
Which Months: All Year Statistical Basis: None specified
- 563 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (unsafe-to-monitor): Determine that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with Subsections O.2 through O.6, as specified in Subsection O.10.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection O.1.
- 564 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring as frequently as practicable during safe to monitor periods, as specified in Subsection O.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method in Section P. Comply with this requirement instead of the requirements in Subsection O.1.
- 565 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified  
Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size (welded completely around the circumference of the interface or physically removed and the pipe welded together): Equipment/operational data monitored by the regulation's specified method(s) within three months after being welded. Check the integrity of the weld by monitoring according to the procedures in Section P or by testing using x-ray, acoustic monitoring, hydrotesting, or other applicable method, as specified in Subsection O.7 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection O.  
Which Months: All Year Statistical Basis: None specified
- 566 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size: Calculate the percent leaking connectors using the equation in Subsection O.12 for use in determining the monitoring frequency, as specified in Subsection O.12 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitoring shall be performed annually.
- 567 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size: Repair Leaks as soon as practicable, but not later than 15 calendar days after a leak is detected. Make a first attempt at repair no later than 5 calendar days after each leak is detected. If a leak is detected, monitor the for leaks within the first 90 days after its repair, as specified in Subsection O.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 568 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service  $\geq$  one inch in inside diameter size: VOC, Total monitored by the regulation's specified method(s) once initially, as specified in Subsections O.1 and O.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If an instrument reading  $\geq 1000$  ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.  
Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 569 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 570 [LAC 33:III.5109.A] Identify each piece of equipment in a process unit subject to this MACT determination such that it can be distinguished readily from equipment that is not subject to this MACT determination, as specified in Subsection C.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 571 [LAC 33:III.5109.A] Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service. Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection K.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- 572 [LAC 33:III.5109.A] Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service. VOC, Total monitored by the regulation's specified method(s) within 5 days of finding evidence of a potential leak by visual, audible, olfactory, or any other detection method, as specified in Subsection K.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 2000 ppm or greater for pumps or 1000 ppm or greater for valves, connectors, instrument systems, or pressure relief devices is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection K.3.  
 Which Months: All Year Statistical Basis: None specified
- 573 [LAC 33:III.5109.A] Open-ended valves or lines (equipped with a second valve): Operate in a manner such that the valve on the process fluid end is closed before the second valve is closed, as specified in Subsection H.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 574 [LAC 33:III.5109.A] Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve that seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line or during maintenance and repair, as specified in Subsection H.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 575 [LAC 33:III.5109.A] Open-ended valves or lines: Monitor and repair in accordance with Section I, as specified in Subsection H.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 576 [LAC 33:III.5109.A] Pressure relief device in gas/vapor service: After each pressure release, return to a condition of no leakage, as indicated by an instrument reading of less than 500 ppm, as soon as practicable, but no later than five calendar days after each pressure release, except as provided in Section M, as specified in Section F.2.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 577 [LAC 33:III.5109.A] Pressure relief device in gas/vapor service: Equip with a closed-vent system capable of capturing and transporting leakage from the pressure relief device to a control device as described in Section N, as specified in Section F.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections F.1 and F.2.
- 578 [LAC 33:III.5109.A] Pressure relief device in gas/vapor service: VOC, Total < 500 ppm except during pressure releases, as measured by the method specified in Section P.3, as specified in Subsection F.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).  
 Which Months: All Year Statistical Basis: None specified
- 579 [LAC 33:III.5109.A] Pressure relief device in gas/vapor service: VOC, Total monitored by the regulation's specified method(s) within 5 days (calendar) after the pressure release to confirm the condition of no leakage, as indicated by an instrument reading of less than 500 ppm above background, as specified in Section F.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.3.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
 Activity Number: PER20070008  
 Permit Number: 2795-V3  
 Air - Title V Regular Permit Minor Mod

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 580 [LAC 33:III.5109.A] Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Subparagraph D.4.e.ii of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
- 581 [LAC 33:III.5109.A] Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in VOTAP service and, if the pump is covered by standards under NSPS, is not in VOC service, as specified in Paragraph D.4.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
- 582 [LAC 33:III.5109.A] Pumps in light liquid service (dual mechanical seal system): Equip each barrier fluid system with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Paragraph D.4.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
- 583 [LAC 33:III.5109.A] Pumps in light liquid service (dual mechanical seal system): Equipment/operational data monitored by visual inspection/determination daily. Check sensor daily or equip with an audible alarm, as specified in Subparagraph D.4.e.i of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined in Paragraph D.4.e.ii, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b. Comply with this requirement instead of the requirements in Subsection D.1.
- 584 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified  
 Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure, or equip with a barrier fluid degassing reservoir that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emissions to the atmosphere, as specified in Paragraph D.4.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
- 585 [LAC 33:III.5109.A] Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.4.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b. Comply with this requirement instead of the requirements in Subsection D.1.
- 586 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified  
 Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency, as specified in Subparagraph D.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor pump as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirements in Paragraphs D.1.b and D.4.d, and the daily requirements in Paragraph D.4.e.i.
- 587 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified  
 Pumps in light liquid service: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal or seals to a control device that complies with the requirements of Section N, as specified in Paragraph D.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections D.1 through D.4.
- 588 [LAC 33:III.5109.A] Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.1.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If there are indications of liquids dripping from the pump seal, monitor within 5 days.

Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AJ ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 589 [LAC 33:III.5109.A] Pumps in light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection D.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- 590 [LAC 33:III.5109.A] Pumps in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly. Monitor to detect leaks by the methods specified in Subsection P.2, except as provided in Subsections C.4, D.4, D.5 and D.6, as specified in Paragraph D.1.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If an instrument reading of 2000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions as specified in Subsection D.3.  
Which Months: All Year Statistical Basis: None specified
- 591 [LAC 33:III.5109.A] Repair equipment before the end of the next process unit shutdown, if repair is technically infeasible without a process unit shutdown, as specified in Subsection M.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 592 [LAC 33:III.5109.A] Sampling connection systems (closed-purge or closed-vent system): Return the purged process fluid directly to the process line with zero VOTAP emissions to the atmosphere, or collect and recycle the purged process fluid with zero VOTAP emissions to the atmosphere, or be designed and operated to capture and transport all the purged process fluid to a control device that complies with the requirements of Section N, as specified in Subsection G.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 593 [LAC 33:III.5109.A] Sampling connection systems: Equip with a closed-purge system or closed-vent system, except as provided for in Section C, as specified in Subsection G.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Ensure that this system collects or captures the sample purge for return to the process.
- 594 [LAC 33:III.5109.A] Submit report: Due quarterly starting three months after the initial report required in Subsection R.1. Include the information specified in Paragraphs R.2.a through R.2.e, as specified in Subsection R.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 595 [LAC 33:III.5109.A] Submit statement: Due in writing by 90 days after approval of the Compliance Plan/Certificate of Compliance. Submit the information specified in Subsections R.1 and R.3, as specified in Subsections R.1 and R.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 596 [LAC 33:III.5109.A] Surge control vessels and bottoms receivers: Equip each surge control vessel and bottoms receiver that is not routed back to the process with a closed-vent system that routes the organic vapors vented from the vessel back to the process or to a control device that complies with the requirements of Section N or to an alternate method of control which has been approved by DEQ, as specified in Section L of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 597 [LAC 33:III.5109.A] VOC, Total monitored by technically sound method at the regulation's specified frequency. Monitor equipment that has been physically removed from service first, to determine if it is leaking, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).  
Which Months: All Year Statistical Basis: None specified
- 598 [LAC 33:III.5109.A] VOC, Total recordkeeping by manual logging at the regulation's specified frequency. Maintain a record of the monitoring in the log required in Subsection Q.5, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 599 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than two meters above a support service, as specified in Subsection I.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection I.1.

**SPECIFIC REQUIREMENTS**

**AIID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
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**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

- 600 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (difficult-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve at least once per calendar year, as specified in Subsection I.6.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Comply with this requirement instead of the requirements in Subsection I.1.  
 Which Months: All Year Statistical Basis: None specified  
 Valves in gas/vapor service and in light liquid service (percent leaking valves  $\leq 2$  for two consecutive quarterly leak detection periods): VOC, Total monitored by the regulation's specified method(s) semiannually, as specified in Paragraph J.2.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring.  
 Which Months: All Year Statistical Basis: None specified
- 601 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (percent leaking valves  $\leq 2$  for two consecutive semiannual leak detection periods): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Paragraph J.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring.  
 Which Months: All Year Statistical Basis: None specified
- 602 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (percent leaking valves  $\leq 2$  for two consecutive semiannual leak detection periods): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Paragraph J.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring.  
 Which Months: All Year Statistical Basis: None specified
- 603 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (percent leaking valves  $\geq 4$ ): VOC, Total monitored by the regulation's specified method(s) monthly, as specified in Subsection I.7 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Monthly monitoring must be initiated within 60 days of the previous monitoring and must continue until the percent of leaking valves is less than 4, at which time monitoring can be performed in accordance with Subsection I.1.  
 Which Months: All Year Statistical Basis: None specified
- 604 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (skip period leak detection and repair): Notify DEQ 30 days before implementing any of the alternate provisions of Section J, as specified in Subsection R.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).  
 Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with Subsection I.1, as specified in Subsection I.5.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection I.1.
- 605 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times, as specified in Subsection I.5.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Comply with this requirement instead of the requirements in Subsection I.1.  
 Which Months: All Year Statistical Basis: None specified
- 607 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (using skip period leak detection and repair): Notify DEQ at least 30 days before implementing one of the alternate monitoring scenarios in Section J, as specified in Paragraph J.1.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

**SPECIFIC REQUIREMENTS**

**AJ ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**  
**Activity Number: PER20070008**  
**Permit Number: 2795-V3**  
**Air - Title V Regular Permit Minor Mod**

**FUG0010 RTF/FUG - Refinery Tank Complex Fugitive Emissions**

608 [LAC33:III.5109.A]

Valves in gas/vapor service and in light liquid service: Repair leaks as soon as practicable, but no later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection I.3 and I.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.

609 [LAC33:III.5109.A]

Valves in gas/vapor service and in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection I.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 1000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection I.3.

Which Months: All Year Statistical Basis: None specified

**GRP0081 RTF/BLUFF - Refinery Tank Cap - Bluff Field**

Group Members: EQT0339 EQT0340 EQT0367 EQT0368 EQT0369 EQT0370 EQT0374 EQT0427 EQT0428 EQT0429 EQT0430

610 [40 CFR 52.]

Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point, RTF/BLUFF - Refinery Tank Cap - Bluff Field, based on the throughput of the stored material from all the tanks listed below to no more than 93.36 TPY. The overall VOC emission of all the tanks shall be calculated using individual tank throughput and recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [PSD Permit PSD-667 (M-1)].

**GRP0082 RTF/EAST N - Refinery Tank Cap - East Area North Field**

Group Members: EQT0431 EQT0432 EQT0433 EQT0434 EQT0435 EQT0436 EQT0437 EQT0438 EQT0439 EQT0440 EQT0441 EQT0442 EQT0443 EQT0444 EQT0445 EQT0446 EQT0447 EQT0448 EQT0449 EQT0450 EQT0451 EQT0459 EQT0460 EQT0491 EQT0493 EQT0494 EQT0495 EQT0496 EQT0497 EQT0498 EQT0499 EQT0500 EQT0501 EQT0507 EQT0508

611 [40 CFR 52.]

Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point, RTF/EAST N - Refinery Tank Farm - East Area North Field Cap, based on the throughput of the stored material from all the tanks listed below to no more than 207.21TPY. The overall VOC emission of all the tanks shall be calculated using individual tank throughput and recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [PSD Permit PSD-667 (M-1)].

**GRP0083 RTF/EAST S - Refinery Tank Cap - East Area South Field**

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070008

Permit Number: 2795-V3

Air - Title V Regular Permit Minor Mod

**GRP0083 RTF/EAST S - Refinery Tank Cap - East Area South Field**

Group Members: EQT0383 EQT0384 EQT0385 EQT0386 EQT0387 EQT0388 EQT0389 EQT0390 EQT0391 EQT0392 EQT0393 EQT0394 EQT0395 EQT0396 EQT0397 EQT0398 EQT0399 EQT0400 EQT0401 EQT0402 EQT0403 EQT0404 EQT0405 EQT0406 EQT0407 EQT0408 EQT0409 EQT0410 EQT0411 EQT0412 EQT0413 EQT0414 EQT0415 EQT0418 EQT0419 EQT0420

612 [40 CFR 52.]

Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point, RTF/East S - Refinery Tank Farm - East Area South Field Cap, based on the throughput of the stored material from all the tanks listed below to no more than 137.45 TPY. The overall VOC emission of all the tanks shall be calculated using individual tank throughput and recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [PSD Permit PSD-667 (M-1)].

**GRP0084 RTF/KNOX - Refinery Tank Cap - Knox Field**

Group Members: EQT0453 EQT0454 EQT0455 EQT0456 EQT0457 EQT0458 EQT0461 EQT0462 EQT0463 EQT0464 EQT0465 EQT0466 EQT0467 EQT0468 EQT0470 EQT0471 EQT0472 EQT0473 EQT0474 EQT0475 EQT0476 EQT0477 EQT0478 EQT0479 EQT0480 EQT0481 EQT0482 EQT0483 EQT0484 EQT0485 EQT0486 EQT0487 EQT0488 EQT0489 EQT0490 EQT0492 EQT0502 EQT0503 EQT0504 EQT0505

613 [40 CFR 52.]

Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point, RTF/KNOX - Refinery Tank Farm - Knox Field Cap, based on the throughput of the stored material from all the tanks listed below to no more than 362.50 TPY. The overall VOC emission of all the tanks shall be calculated using individual tank throughput and recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [PSD Permit PSD-667 (M-1)].

**GRP0085 RTF/SOUTH - Refinery Tank Cap - South Field**

Group Members: EQT0315 EQT0316 EQT0317 EQT0318 EQT0319 EQT0320 EQT0322 EQT0323 EQT0324 EQT0325 EQT0326 EQT0327 EQT0328 EQT0329 EQT0330 EQT0331 EQT0332 EQT0333 EQT0334 EQT0335 EQT0338 EQT0341 EQT0342 EQT0343 EQT0344 EQT0345 EQT0346 EQT0347 EQT0348 EQT0349 EQT0350 EQT0351 EQT0352 EQT0353 EQT0354 EQT0355 EQT0356 EQT0357 EQT0358 EQT0359 EQT0360 EQT0361 EQT0362 EQT0363 EQT0364 EQT0365 EQT0366 EQT0371 EQT0373 EQT0375 EQT0376 EQT0378 EQT0379 EQT0380 EQT0381 EQT0382 EQT0416 EQT0417 EQT0421 EQT0422 EQT0423 EQT0424 EQT0425 EQT0426

**SPECIFIC REQUIREMENTS**

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery  
Activity Number: PER20070008  
Permit Number: 2795-V3  
Air - Title V Regular Permit Minor Mod

**GRP0085 RTF/SOUTH - Refinery Tank Cap - South Field**

614 [40 CFR 52.]

Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point, RTF/SOUTH - Refinery Tank Farm - South Field Cap, based on the throughput of the stored material from all the tanks listed below to no more than 554.68 TPY. The overall VOC emission of all the tanks shall be calculated using individual tank throughput and recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [PSD Permit PSD-667 (M-1)].

**UNF0002 Entire Facility**

615 [40 CFR 60.]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

616 [40 CFR 61.]

All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.

617 [40 CFR 63.]

All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.

618 [40 CFR 70.5(a)(1)(iii)]

Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

619 [40 CFR 70.6(a)(3)(iii)(A)]

Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

620 [40 CFR 70.6(a)(3)(iii)(B)]

Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]

621 [40 CFR 70.6(c)(5)(iv)]

Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

622 [40 CFR 82.Subpart F]

Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.

623 [LAC 33:III.1103]

Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

624 [LAC 33:III.1303.B]

Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

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- 625 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 626 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 627 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 628 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 629 [LAC 33:III.501.C.1] Submit permit application: Due prior to construction, reconstruction or modification unless otherwise provided in LAC 33:III.Chapter 5. Submit a timely and complete permit application to the Office of Environmental Services, Air Permits Division, as required in accordance with the procedures in LAC 33:III.Chapter 5.
- 630 [LAC 33:III.501.C.6] Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. (State Only).
- 631 [LAC 33:III.501.C.6] Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).
- 632 [LAC 33:III.501.C.6] Permittee is authorized to reconstruct tanks not currently subject to NSPS Subpart Kb. Permittee shall meet all control, notification, recordkeeping and reporting provisions of the subpart. Changes in regulatory applicability and emission rates shall be reflected in the next full permit revision.
- 633 [LAC 33:III.507.A.1.a] Any major source as defined in LAC 33:III.502 is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.
- 634 [LAC 33:III.507.B.2] No Part 70 source may operate after the time that the owner or operator of such source is required to submit a permit application under Subsection C of this Section, unless an application has been submitted by the submittal deadline and such application provides information addressing all applicable sections of the application form and has been certified as complete in accordance with LAC 33:III.517.B.1. No Part 70 source may operate after the deadline provided for supplying additional information requested by the permitting authority under LAC 33:III.519, unless such additional information has been submitted within the time specified by the permitting authority. Permits issued to the Part 70 source under this Section shall include the elements required by 40 CFR 70.6. The Louisiana Department of Environmental Quality hereby adopts and incorporates by reference the provisions of 40 CFR 70.6(a), as in effect on July 21, 1992. Upon issuance of the permit, the Part 70 source shall be operated in compliance with all terms and conditions of the permit. Noncompliance with any federally applicable term or condition of the permit shall constitute a violation of the Clean Air Act and shall be grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.

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- 635 [LAC 33:III.507.C.3] Any source that becomes subject to the requirements of LAC 33:III.507 after the effective date of the Louisiana Part 70 program due to regulations promulgated by the Environmental Protection Agency or by the Department of Environmental Quality shall submit an application to the Office of Environmental Services, Air Permits Division, in accordance with the requirements established by the applicable regulation. In no case shall the required application be submitted later than one year from the date on which the source first becomes subject to LAC 33:III.507. Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
- 636 [LAC 33:III.507.E.4] Alternate Operating Scenario: Operating plan recordkeeping by logbook upon each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Contemporaneous with making a change from one operating scenario to another, the owner or operator shall record in a log at the permitted facility a record of the scenario under which it is operating.
- 637 [LAC 33:III.507.G.5] No major stationary source or major modification to which the requirements of this Part apply shall begin actual construction without a permit issued under this Section.
- 638 [LAC 33:III.509.I.1] A major stationary source or major modification shall meet each applicable emissions limitation under the Louisiana State Implementation Plan and each applicable emissions standard and standard of performance under the Louisiana New Source Performance Standards (LNSPS) and Louisiana Emission Standards for Hazardous Air Pollutants (LESHAP) and Sections 111 and 112 of the Clean Air Act.
- 639 [LAC 33:III.509.J.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 640 [LAC 33:III.5105.A.1] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.
- 641 [LAC 33:III.5105.A.2] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 642 [LAC 33:III.5105.A.3] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 643 [LAC 33:III.5105.A.4] Submit Annual Emissions Report (TEDD): Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 644 [LAC 33:III.5107.A.2] Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502.
- 645 [LAC 33:III.5107.A.3] Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations"
- 646 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).

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- 647 [LAC 33:III.5107.B.2] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.
- 648 [LAC 33:III.5107.B.3] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923.
- 649 [LAC 33:III.5107.B.4] Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.1 through viii.
- 650 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 651 [LAC 33:III.5111.A.1] Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source.
- 652 [LAC 33:III.5111.A.2.a] Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source.
- 653 [LAC 33:III.5111.A] Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.
- 654 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel.
- 655 [LAC 33:III.5113.B.1] Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test.
- 656 [LAC 33:III.5113.B.2] Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ.
- 657 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department.
- 658 [LAC 33:III.5113.B.4] Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e.
- 659 [LAC 33:III.5113.B.5] Analyze samples and determine emissions within 30 days after each emission test has been completed.
- 660 [LAC 33:III.5113.B.6] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.

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- 661 [LA 33:III.5113.B.7] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test.
  - 662 [LAC 33:III.5113.C.1] Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.
  - 663 [LAC 33:III.5113.C.2] Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
  - 664 [LAC 33:III.5113.C.2] Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ.
  - 665 [LAC 33:III.5113.C.2] Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin.
  - 666 [LAC 33:III.5113.C.3] Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation.
  - 667 [LAC 33:III.5113.C.5.a] Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems.
  - 668 [LAC 33:III.5113.C.5.a] Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B.
  - 669 [LAC 33:III.5113.C.5.d] Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days.
  - 670 [LAC 33:III.5113.C.5.e] Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS.
  - 671 [LAC 33:III.5113.C.5] Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS.
  - 672 [LAC 33:III.5113.C.7] Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system.
  - 673 [LAC 33:III.517.A.1] Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.
  - 674 [LAC 33:III.517.B.1] Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III. Chapter 5 prior to approval by the permitting authority.
  - 675 [LAC 33:III.517.C] Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.
- Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.

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- 676 [LAC 33:III.517.D] Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III.517.D shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.
- 677 [LAC 33:III.517.E] In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.
- 678 [LAC 33:III.517.G] Submit change of ownership notification in accordance with LAC 33:III.517.D, Chapter 19.
- 679 [LAC 33:III.523.A] Submit permit modification application: Due within 45 days of obtaining relevant test results. The permit modification or amendment shall include all information necessary to process the request, and is required if testing demonstrates that the terms and conditions of the existing permit are inappropriate or inaccurate.
- 680 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 681 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 682 [LAC 33:III.5901.A] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 683 [LAC 33:III.5907] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 684 [LAC 33:III.5911.A] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.5911.A, Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.
- 685 [LAC 33:III.5911.C] Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.
- 686 [LAC 33:III.917.A] Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations.
- 687 [LAC 33:III.917.B] No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety.
- 688 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- 689 [LAC 33:III.927] Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:III.927, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:III.927. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.